GRG International Corp.

June 6, 2016

Chuck Davies, Chairman
Lyon County Planning Commission
27 S. Main Street
Yerington, NV 89447

Dear Mr. Davies,

This letter is to inform you that Mason Valley Copper Properties Ltd (MVCP), a wholly owned subsidiary of GRG International Corp., and NV Energy are in the process of negotiating a transmission line right of way and the proposed location of the proposed Mason Valley substation.

The proposed right of way and the proposed location of the proposed substation are on pre-existing MVCP patented and unpatented mining claims approximately two miles northwest of Mason, and directly impact the ability of MVCP to explore and develop the minerals on MVCP property.

MVCP and NV Energy have not reached an agreement. Therefore we are adamantly opposed to the Lyon County Planning Commission approving the Special Use Permits requested by NV Energy under Public Hearing Items 2, 3 and 4 at the June 14, 2016 meeting of the Planning Commission.

Please enter this letter into the official minutes and records of the Lyon County Planning Commission.

If you have any questions, please feel free to contact my office.

Sincerely,

Rana S. Gill CPA, CA
CEO & President

cc:
Joe Mortensen, Chairman, Lyon County Board of Commissioners
Rob Loveberg, Lyon County Planning Director
David Ray, Chairman, Mason Valley Citizen's Advisory Board
Brian Buttazoni, Planning and Environmental Coordinator, BLM Sierra Front Field Office
Kerry Page, Lyon County Planning Assistant
Richard Harris, Harris, Thompson & Faillers law firm
Alan Coyner, Director of Public Affairs, GRG International Corp.

3100 E Cherry Creek South Drive Suite 1504 Denver CO USA 80209
T 303.886.8584 E rgill@grgcopper.com W www.grgcopper.com

Project Description and Justification

The applicant proposes to decommission and dismantle Bridge Street and Anaconda substation(s) and replace it with one new "Mason" substation. This SUP application includes the movement, upgrading and reconnection of the existing distribution lines and addition of transmission lines to interconnect the existing facilites to the new facility.

Transmission & Distribution line relocation(s)

The City of Yerington and the communities of Mason, Wellington, Smith Valley, and the Topaz Ranch Estates are served by the Anaconda 204 and the Bridge Street 206 lines. The electrical load in this area is served by distribution lines that are over 20 miles in length, which is unusual within NV Energy's northern service territory. NV Energy proposes to rebuild these lines on new poles and add transmission lines to the poles. The Transmission line will be built at 120kV but will operate at 60kV. (See attached mapping for Existing the Mason and Smith Valley Electrical Infrastructure.)

The work proposed in this application is part of a larger project that is comprised of five major components which are as follows:

- The Mason Substation Distribution Feeders; and (subject of this SUP application)
- The Mason 60 kV Transmission Corridor; (subject of this SUP application)
- The Mason Substation; (subject of a separate SUP application)
- The Smith Valley 60 kV Transmission Line (subject of a separate SUP application)
- The Smith Valley Substation (previously Approved by Lyon County)

Transmission & Distribution line relocation(s)

Electricity is delivered to the Yerington area by three 60 kV transmission lines: the 601 Line from the Silver Springs substation to the Anaconda substation, the 636 Line from the Brunswick substation to the Anaconda substation, and the 638 Line from the Ft. Churchill power plant and substation to the Anaconda substation. The Anaconda substation supplies the Bridge Street substation by way of the 60 kV transmission line known as the 637 Line. Distribution lines from the two substations, Anaconda and Bridge Street, supply electricity to the town of Yerington and the surround communities of Mason, Wellington, Smith Valley, and the Topaz Ranch Estates primarily by four feeders. The 25 kV feeders are known as the Anaconda 204, the Anaconda 205, the Bridge Street 206, and the Bridge Street 208.

Mason 60 kV Transmission Corridor

In order to energize the proposed Mason substation, the three 60 kV transmission lines serving the Anaconda substation, which condense into a single corridor approximately 0.95 miles northwest of the substation, are proposed to be extended towards the Mason substation in a single 90 foot wide right-of-way / corridor. The corridor will begin at the above mentioned intersection (BLM ROW Grants N-91536, NVCC-6186, and the 60 kV transmission line from

Ft. Churchill to Anaconda crossing both state, private, a small part of federal land in Section 7 of T13N, R25E) and travels in a southern direction west of Weed Heights following existing dirt access roads. The corridor is approximately 2.4 miles long. Within the right-of-way, NV Energy will construct two transmission lines, one with a double circuit and a second with a single circuit. Approximately 1,400 feet of a new 20 foot wide access road will constructed along the transmission lines from the start of the project to the nearest existing access road. The transmission lines will be constructed at 120 kV standards; however, given that there are presently no 120 kV sources, the transmission lines will be operated at 60 kV.

The new transmission lines will require approximately 76 single pole tangent structures and 15 single pole angle structures. The new wood transmission line structures will be between 60 feet and 90 feet tall above grade surface. Angle structures will have between four to eight guy wires and anchors, depending upon the angle of the transmission line. The conductors will be 954 MCM All Aluminum (AA) conductor and both transmission lines will have a 3/8 inch EHS steel shield wire. A diagram of the proposed structures is attached and entitled " Mason 60 kV Corridor Tangent Typical Structures" and "Angle Typical Structure."

Communications to the new Mason substation will be accomplished by means of an addition of an All-Dielectric Self Supporting (ADSS) fiber added to one of the Mason transmission line structures from the start of the project to the Mason substation. The fiber will also be attached to the remainder of the 638 transmission line from the start of the project to the Ft. Churchill Power Plant. Neither pole replacement nor soil disturbance on public land is required for the addition of the fiber. The fiber installation is part of a larger NV Energy telecommunications project planned for the Yerington area.

Mason Substation Distribution Feeders

The four existing distribution feeders from the Bridge Street substation and Anaconda substation are immediately available to the Mason substation site requiring the addition of a small number of new poles or the reconfiguration of existing circuits. The Anaconda 204 is located approximately 0.21 miles to the northeast. The Bridge Street 206 is located approximately 0.05 miles to the south. The following additions/reconfiguration will be required to tie in the existing distribution system.

Mason 206 Circuit – The feeder will exit the Mason substation to the south and tie into the existing circuit and travel west underbuilt on the Smith Valley 60 kV transmission line.

Mason 208 and Mason 204 Circuits – The two feeders will exit the substation to the south. A portion of existing Bridge Street 206 circuit will be rebuilt as a double circuit and travel east toward State Highway 339. At the highway, the Mason 208 will head north on the old Bridge Street 206 circuit and the Mason 204 will tie into the existing Anaconda 204 circuit and head south.

Mason 205 Circuit – The feeder will exit the substation to the east and tie into the Anaconda 204 circuit and ultimately tie into the Anaconda 205 circuit near the old Bridge Street substation. The portion of the Anaconda 204 being repurposed for the Mason 205 will need to be re-conductored to 397.5 AA conductors; however, most of the structures can be reused. Three existing poles will be replaced and ten new poles will be constructed within the existing alignment. The three replacement poles and seven new poles are located on public land.

Property Owner APN's for **Mason route to intersection of 636/601/638**

BLM
012-111-28 (Substation Location)
014-451-06
014-401-13

Figure 1: Existing Electrical Infrastructure

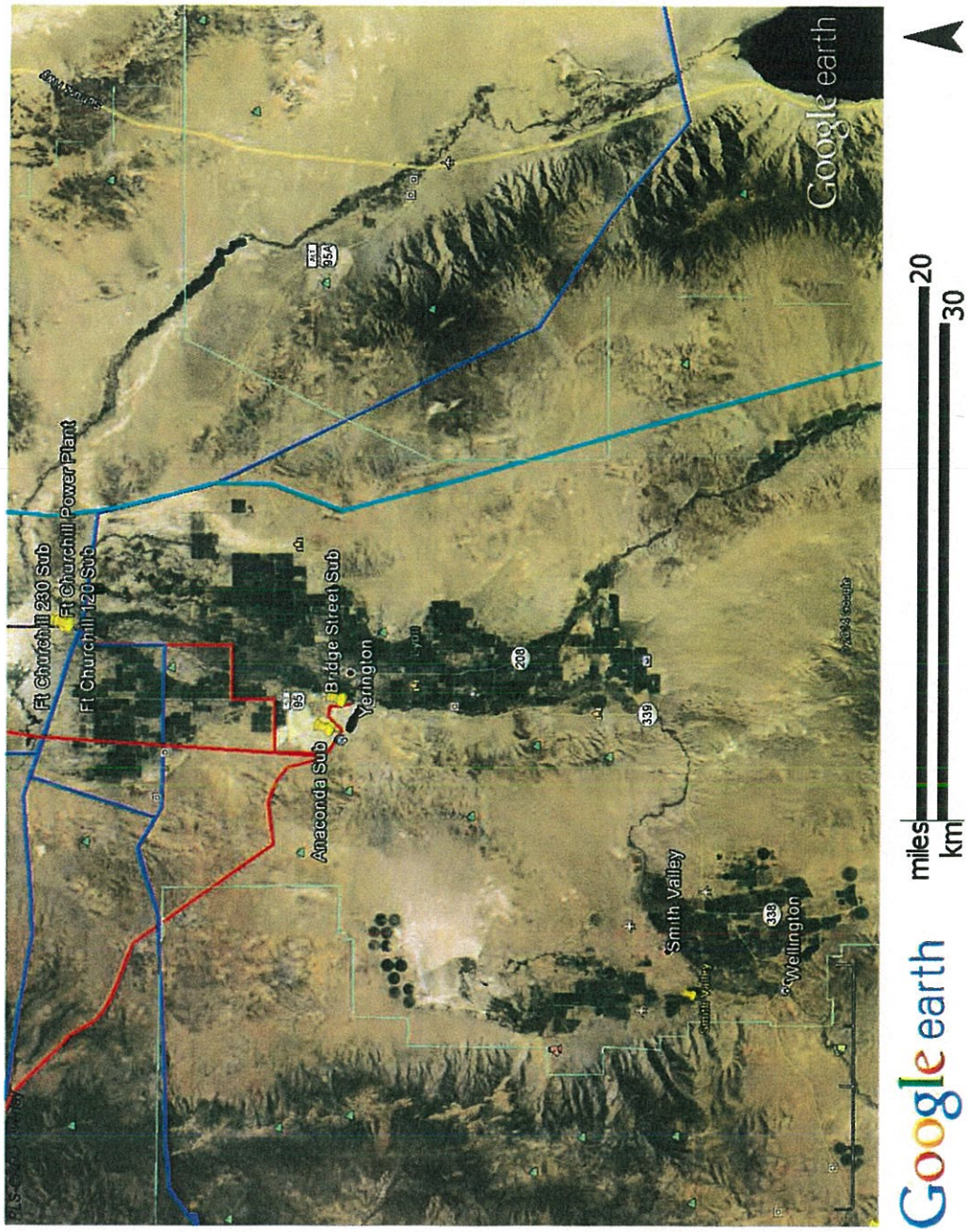


Figure 2: Proposed Electrical Infrastructure

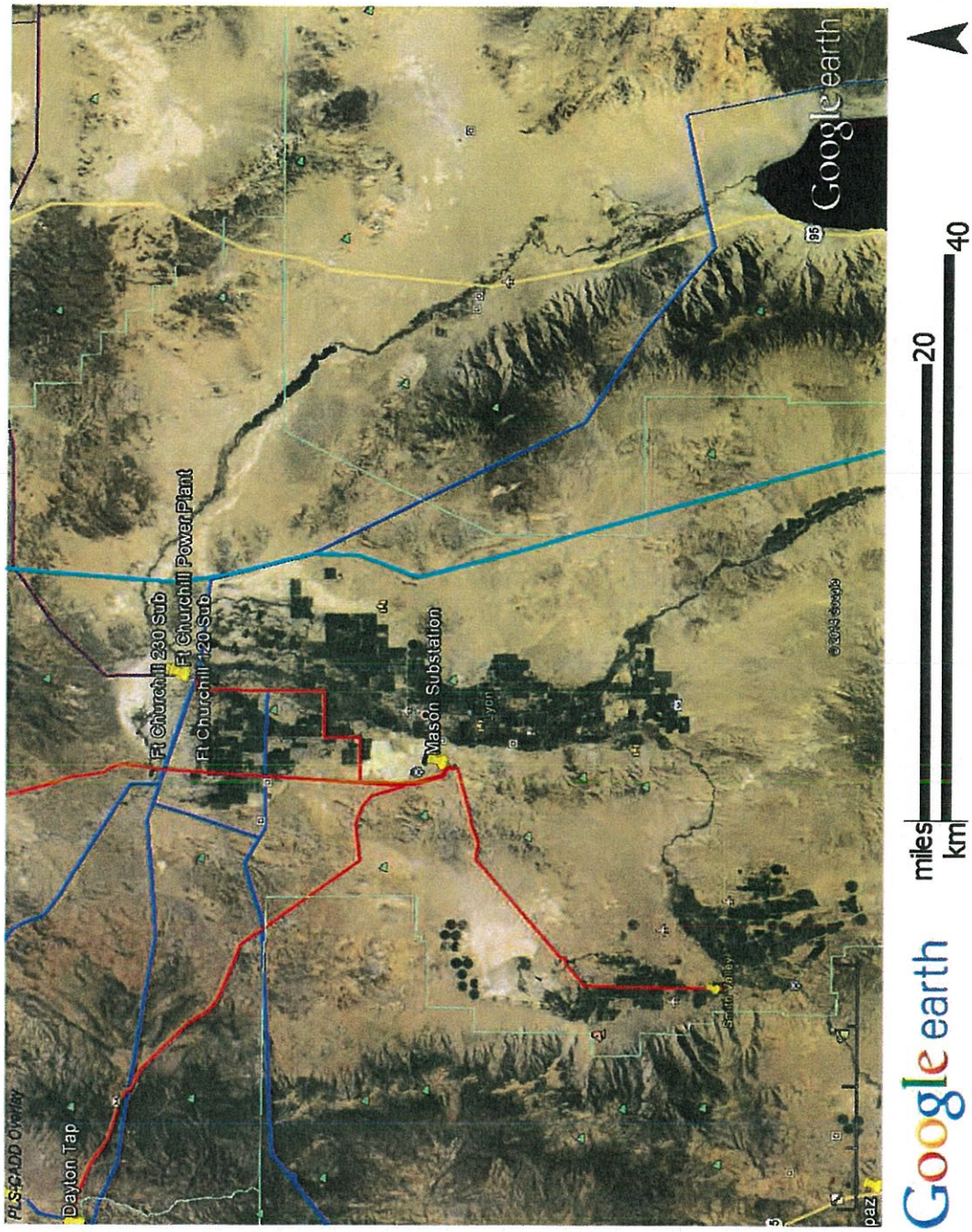


Figure 3: Mason 60 kV Corridor Tangent Typical Structure

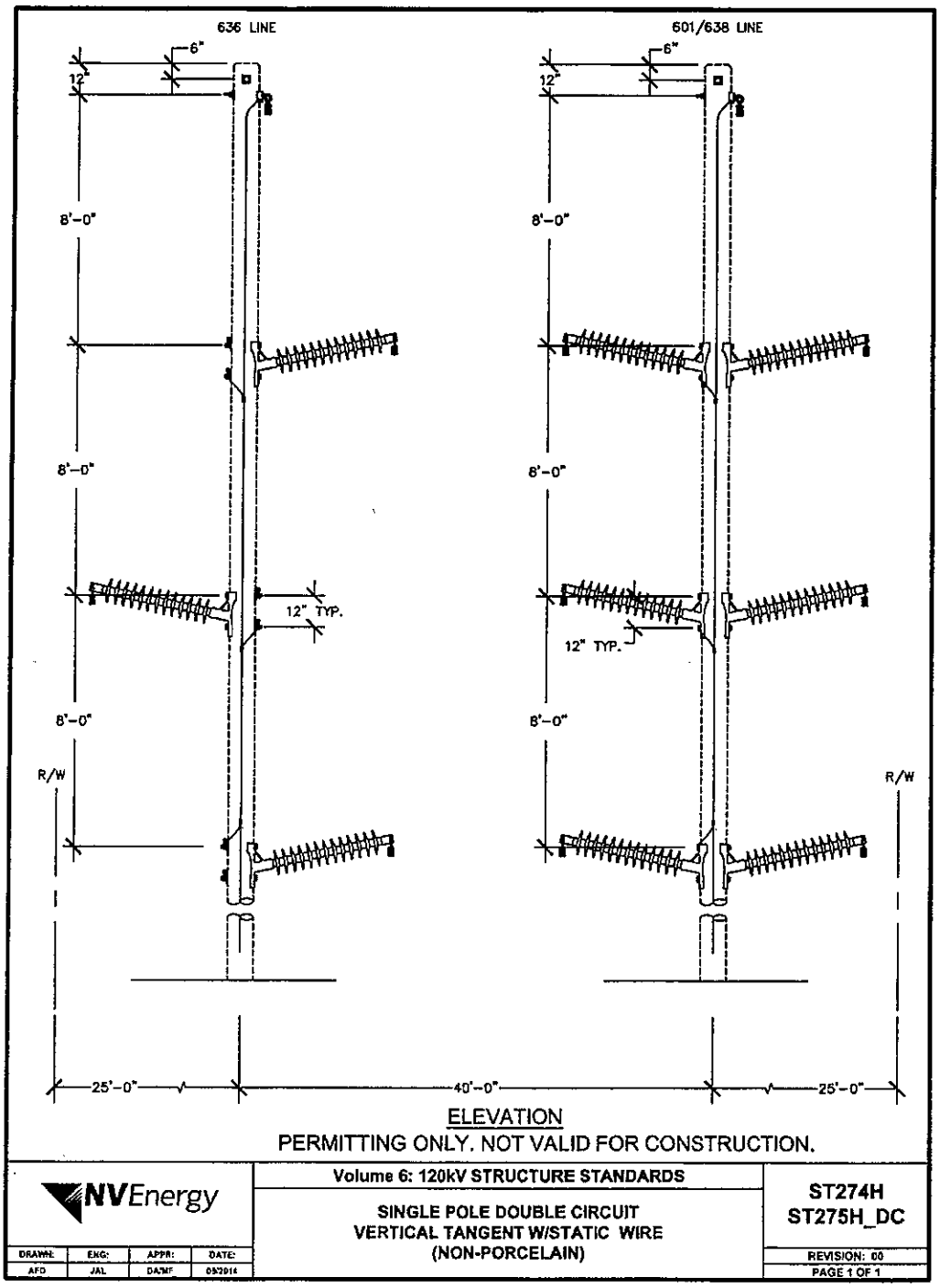


Figure 4: 120kV Angle Typical Structure

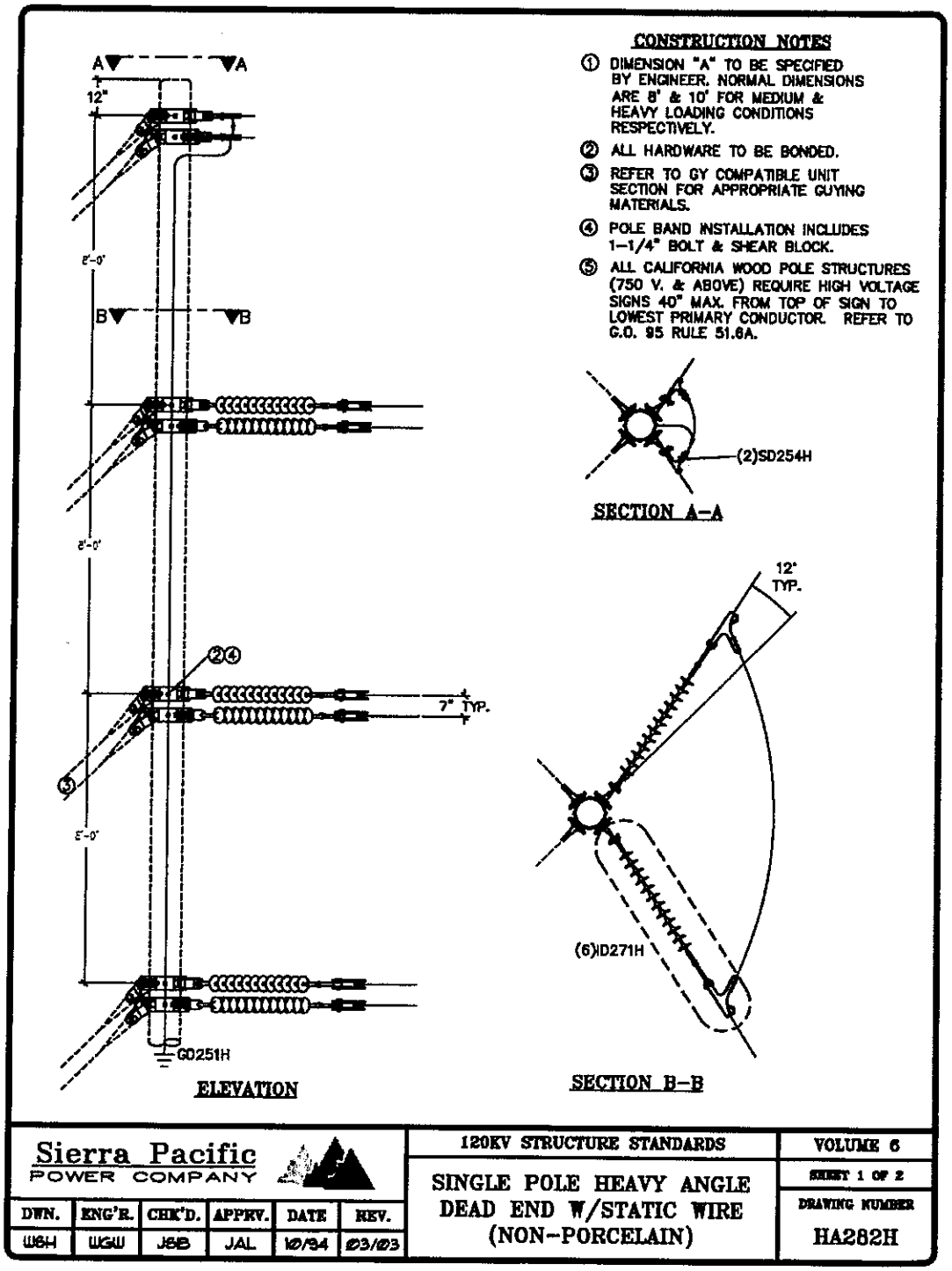


Figure 5: Single Circuit Tangent w/ Underbuild Typical Structure

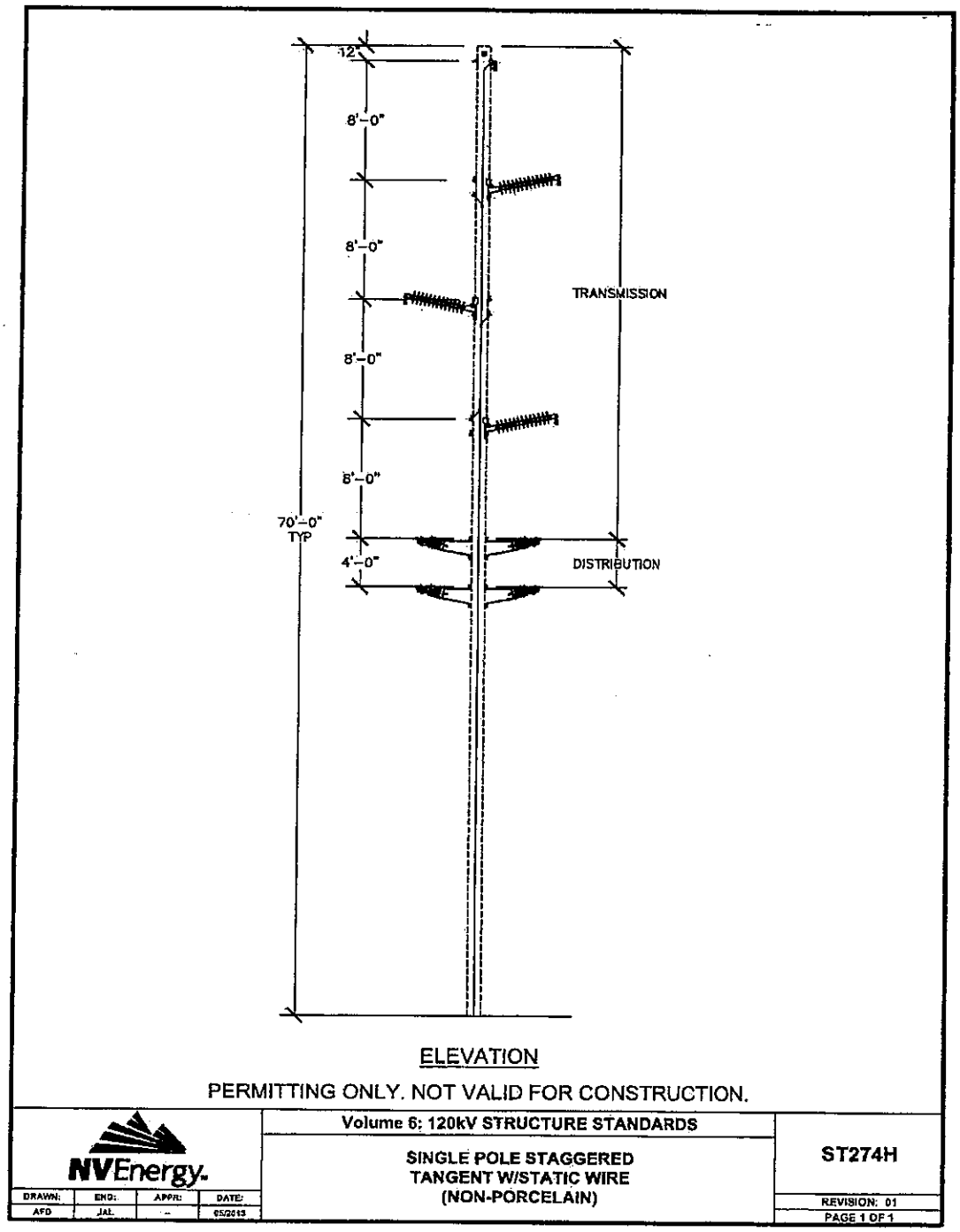
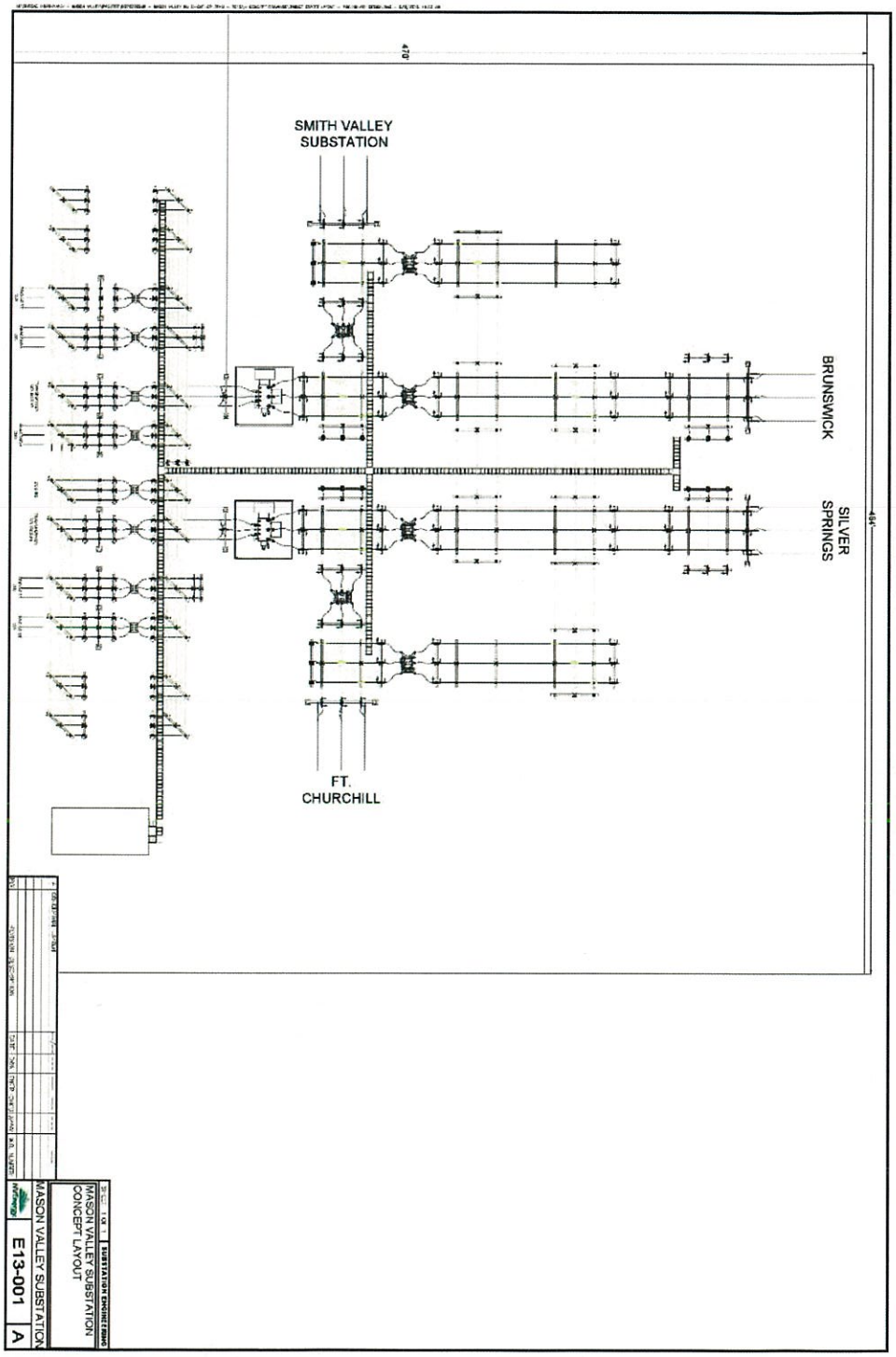
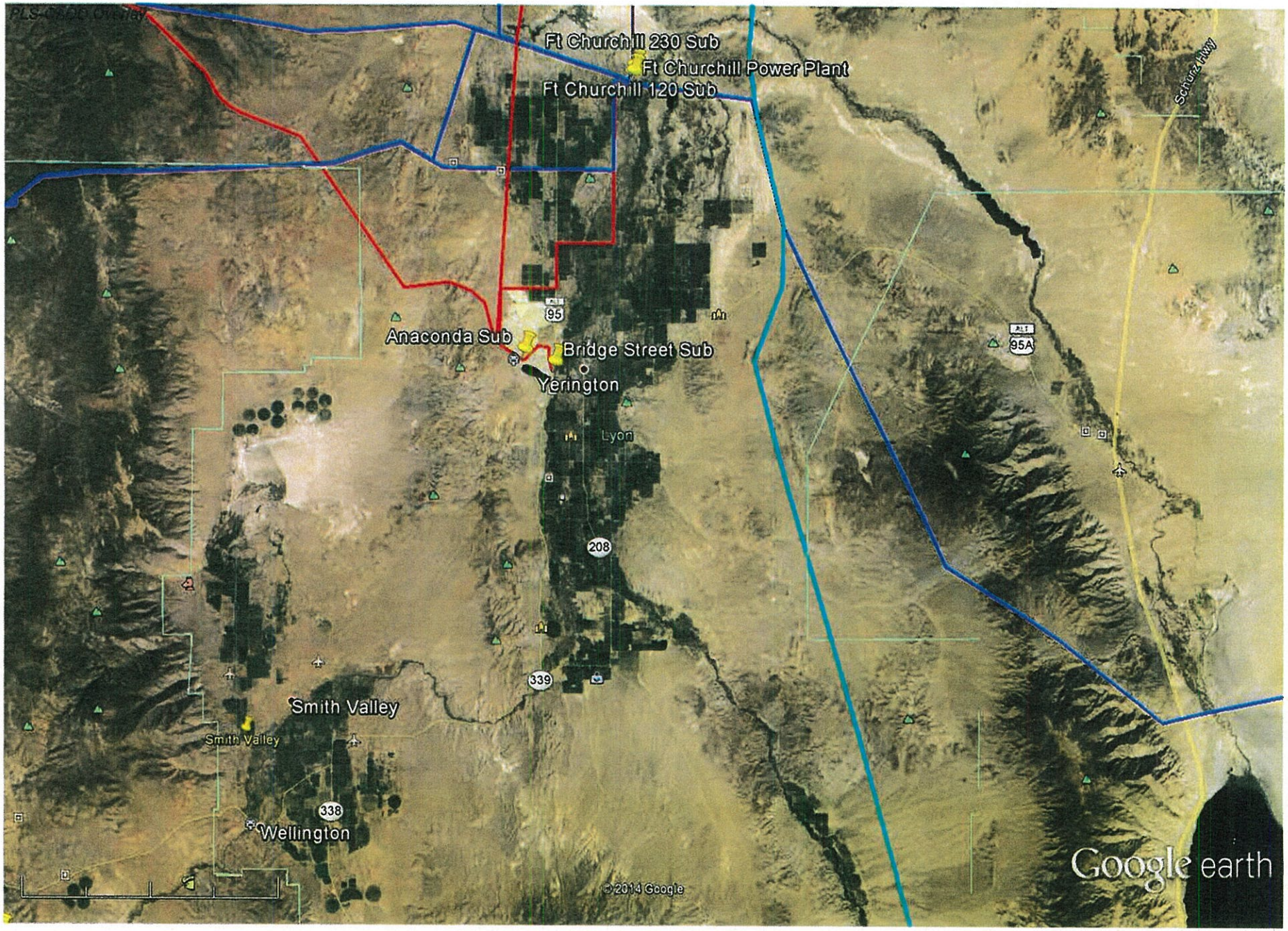


Figure 6: Mason Substation Plan View





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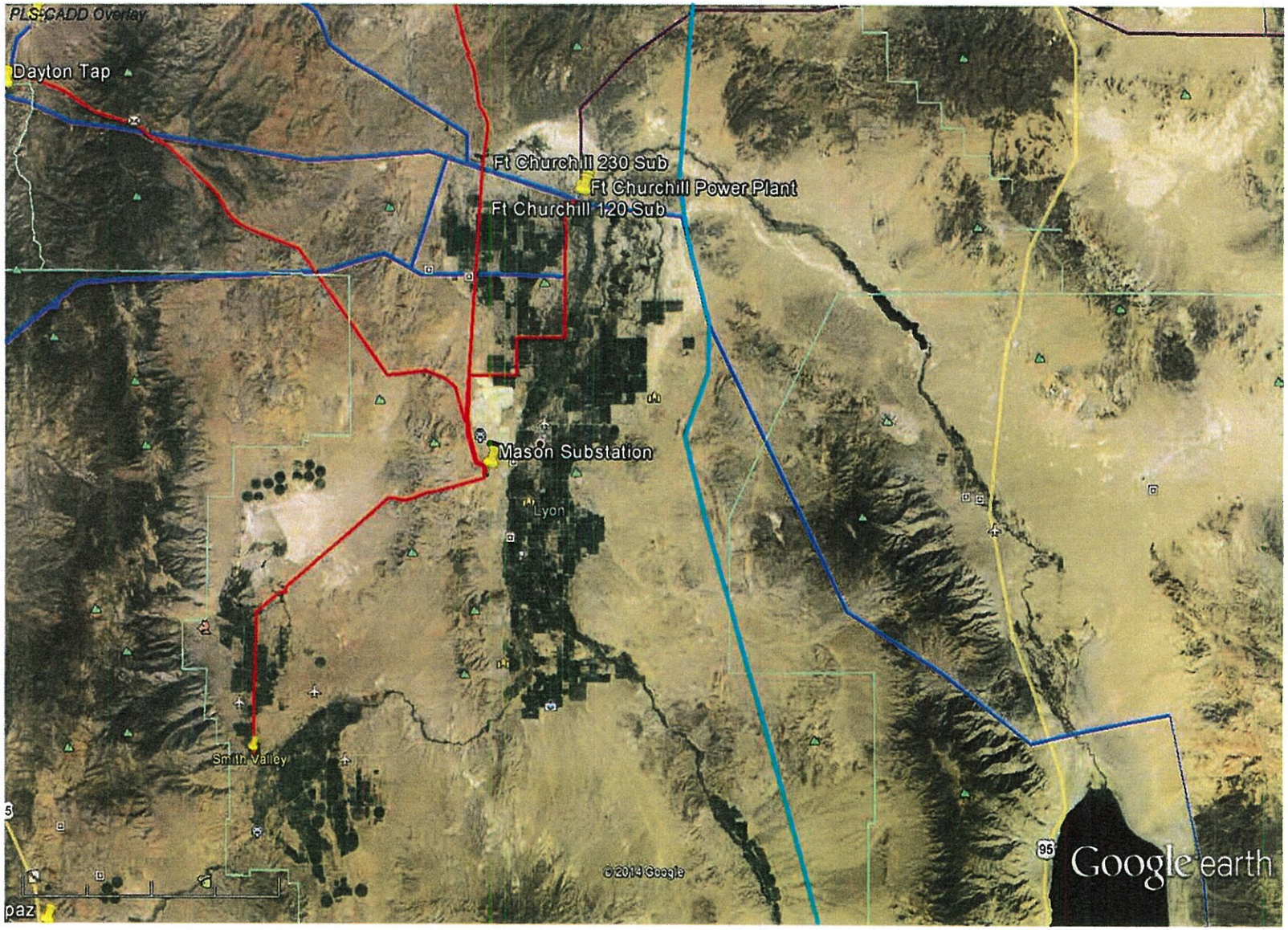
km 30



Google earth

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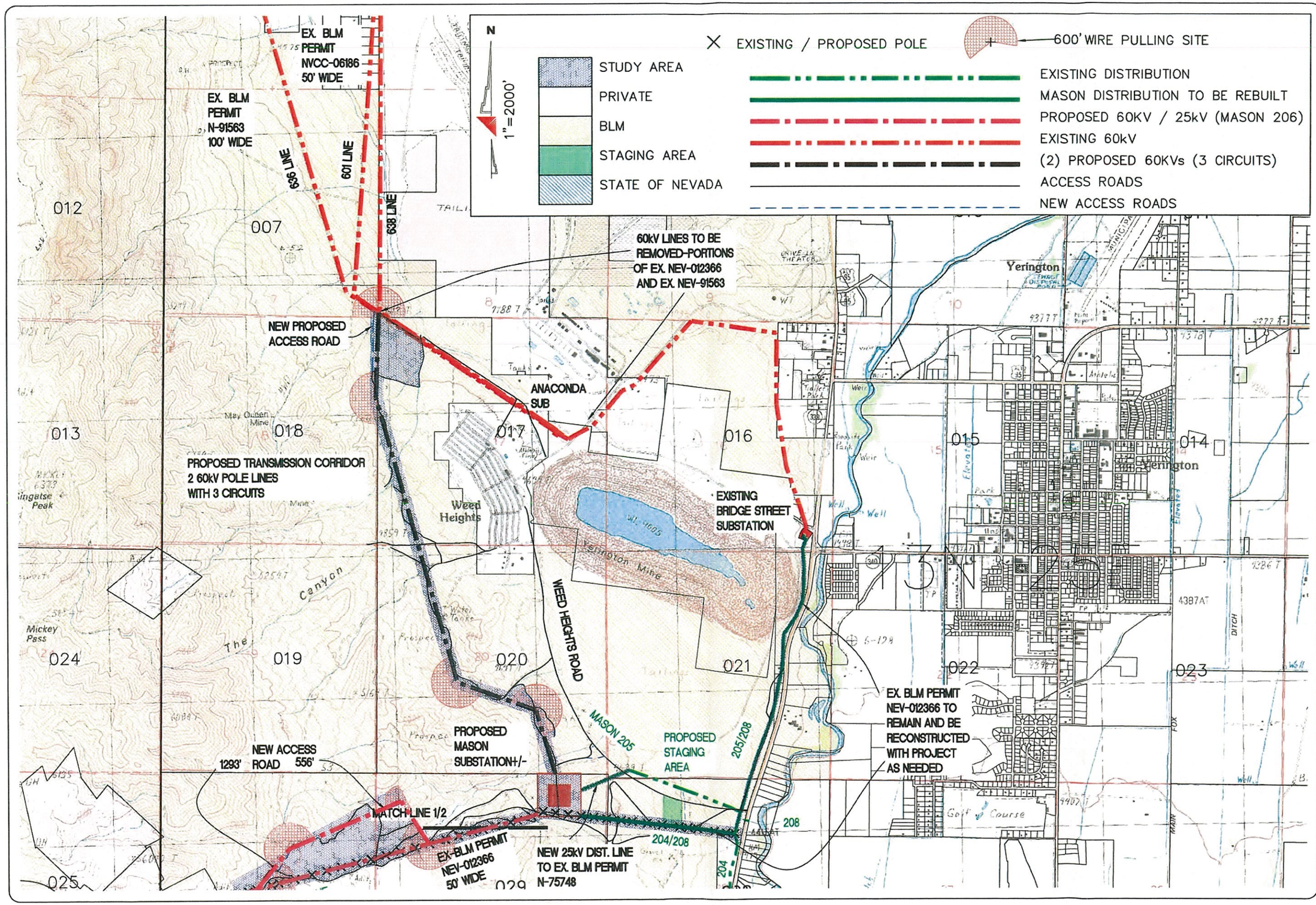
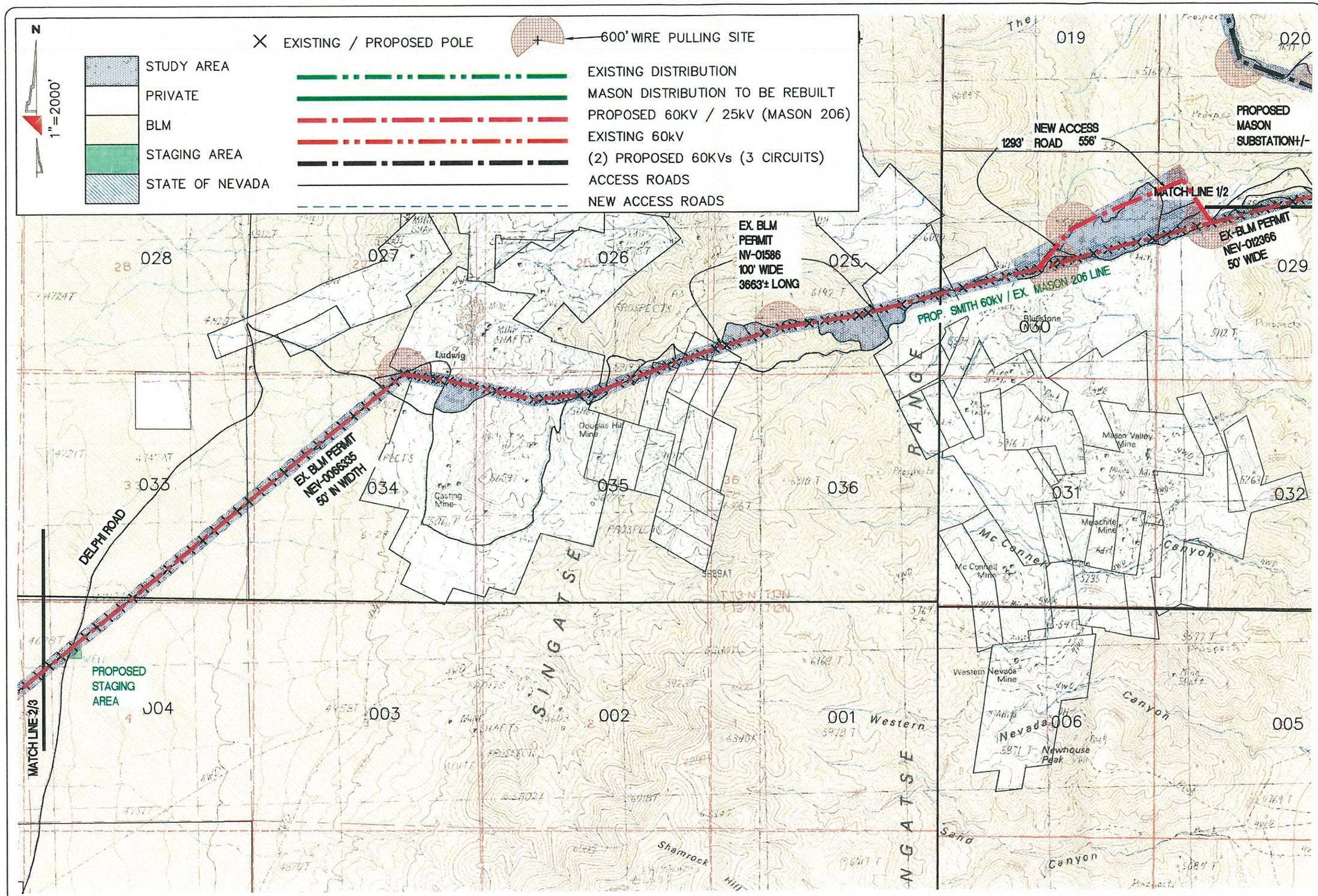


SURVEYOR:	LDL
PHONE NUMBER:	775-834-5391
PROJECT NUMBER:	
PROJECTION:	NSPW 83 USFT

NVEnergy
6100 NEIL RD.
RENO, NV 89511
775-834-4011

ATTACHMENT A
PROJECT MAP

LYON COUNTY NEVADA



SURVEYOR:	LDL
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N
1"=2000'

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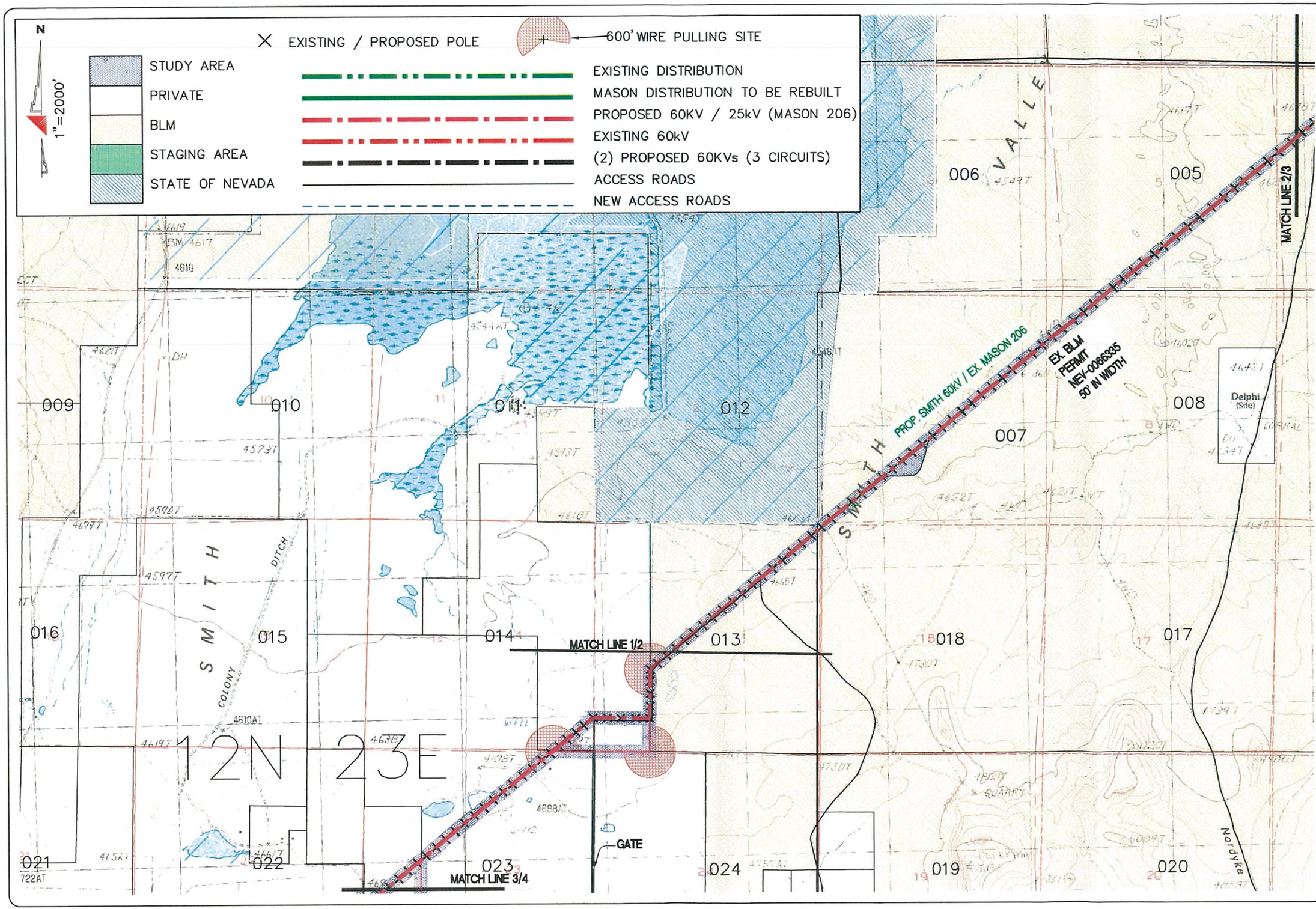
775-834-4011

ATTACHMENT A
PROJECT MAPS

LYON COUNTY NEVADA



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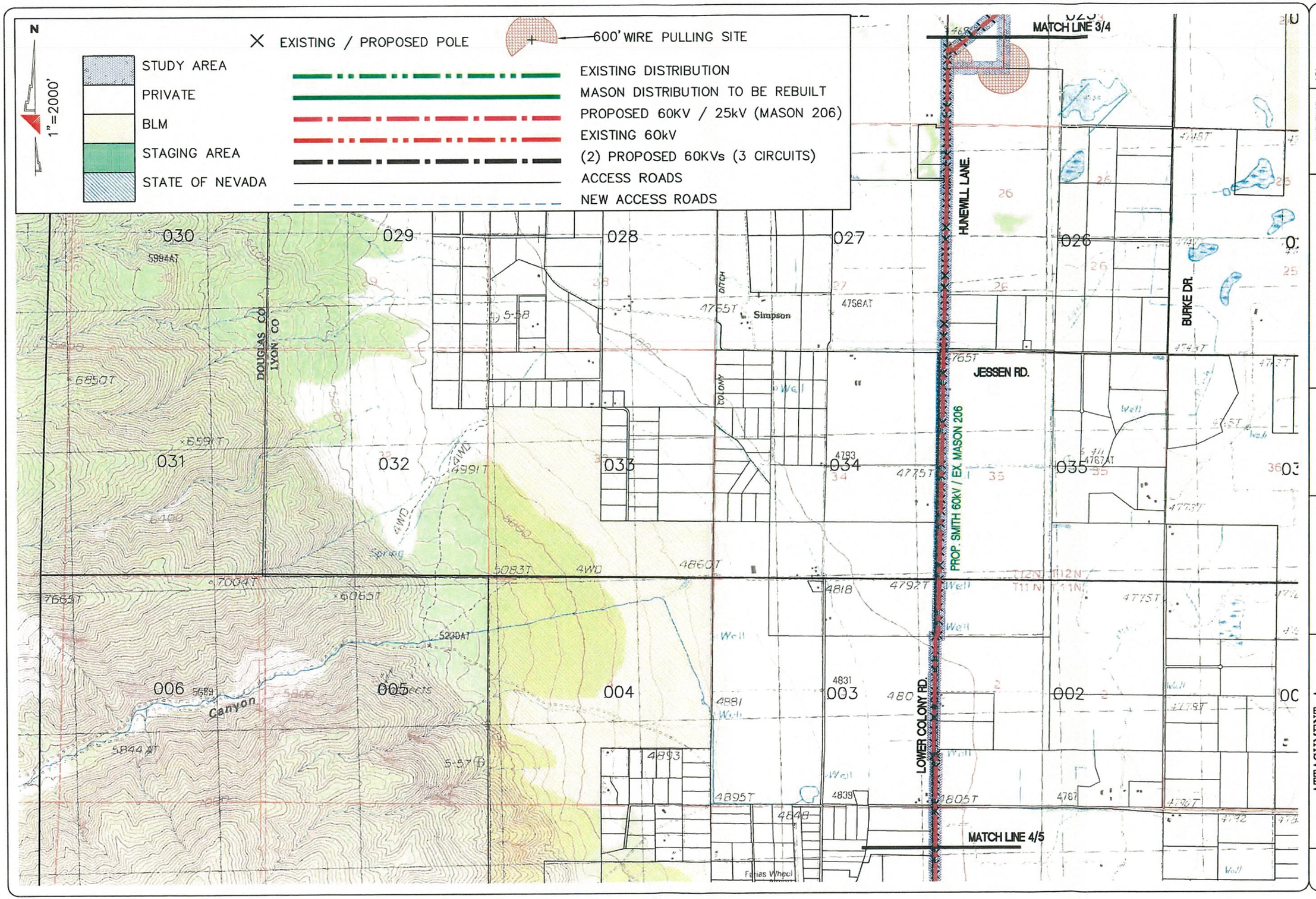

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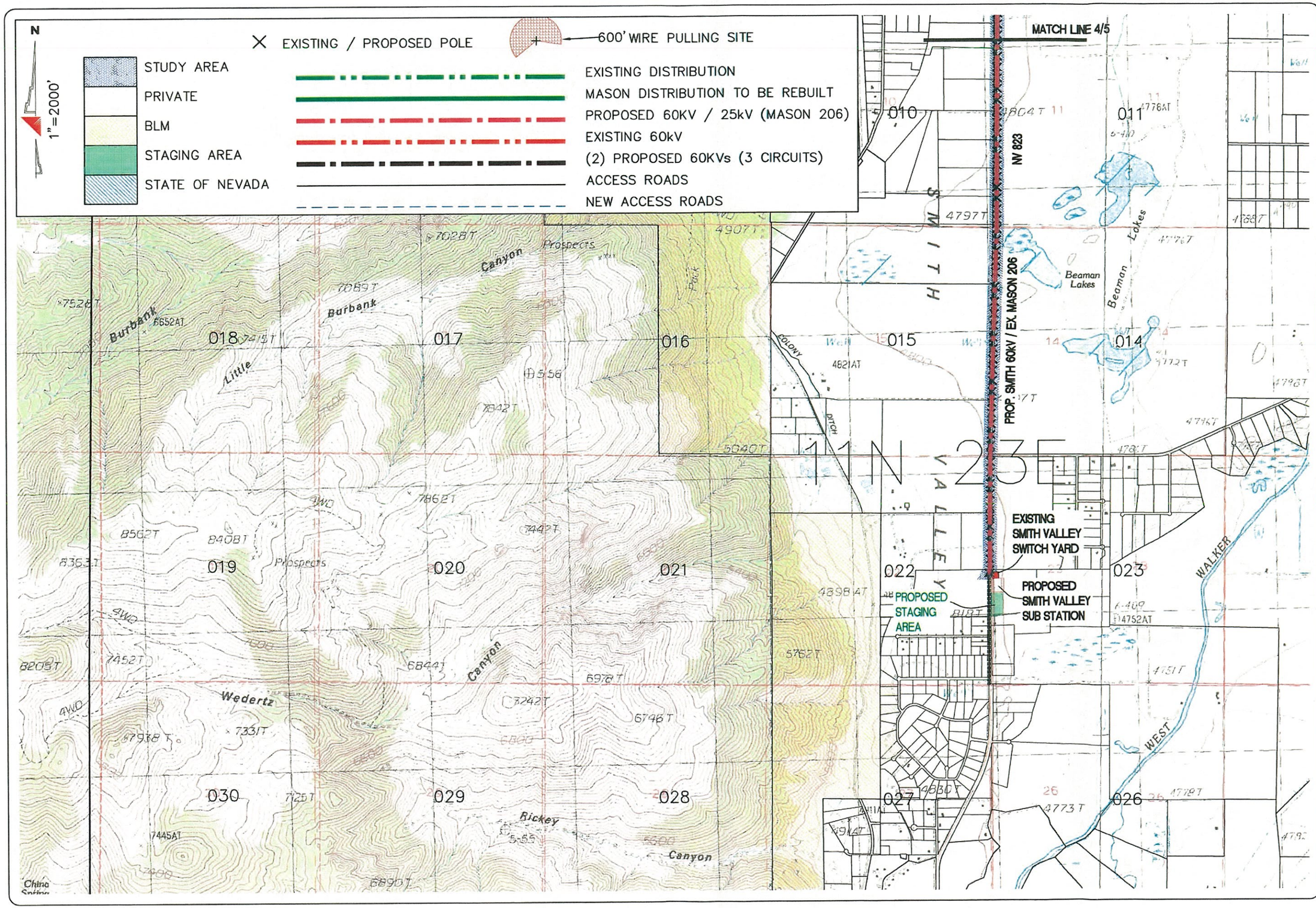

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NVEnergy
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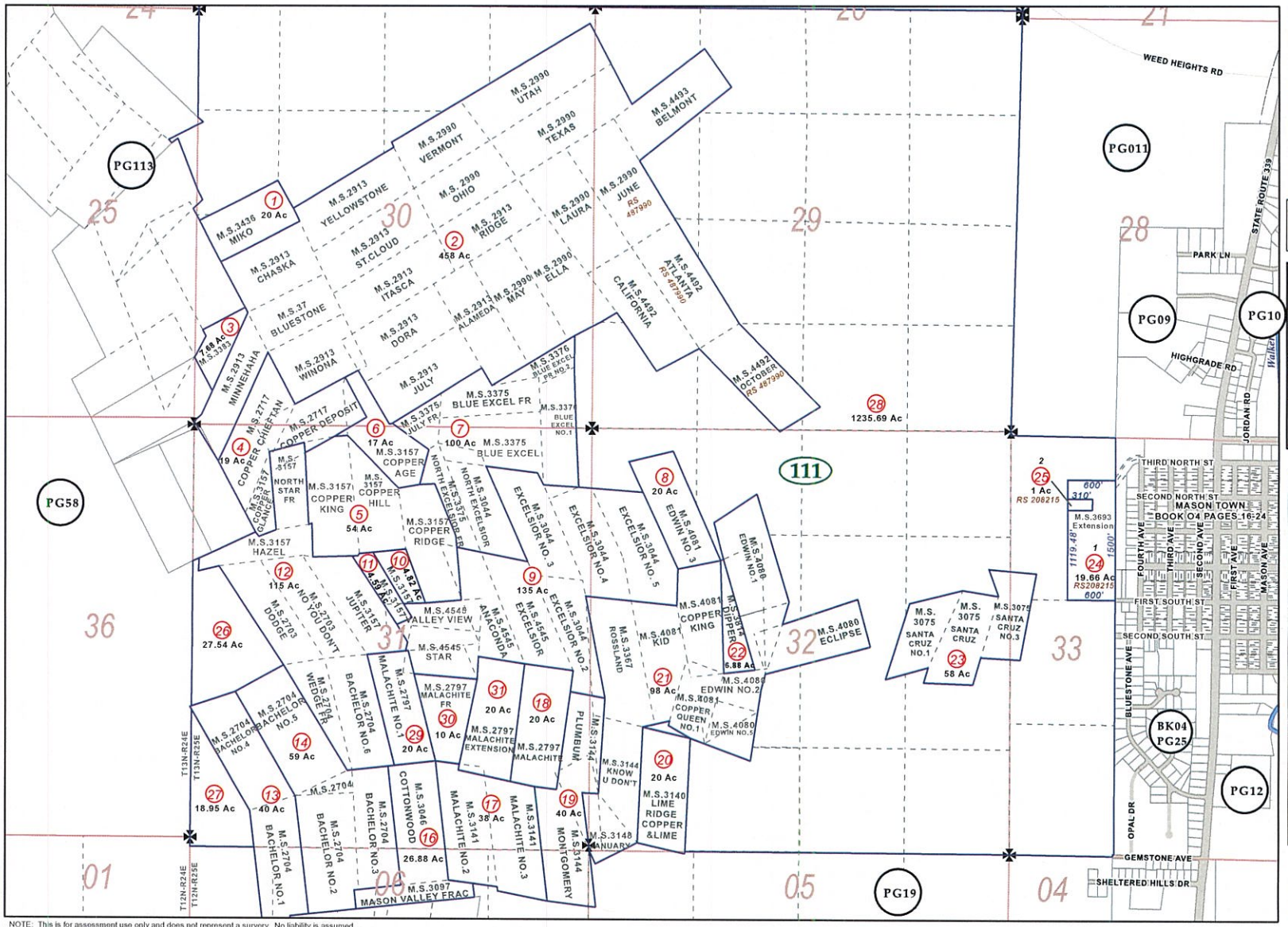
ATTACHMENT A
PROJECT MAPS

LYON COUNTY NEVADA

Sections 29, 30, 31, 32, 33 T13N-R25E, MD&M

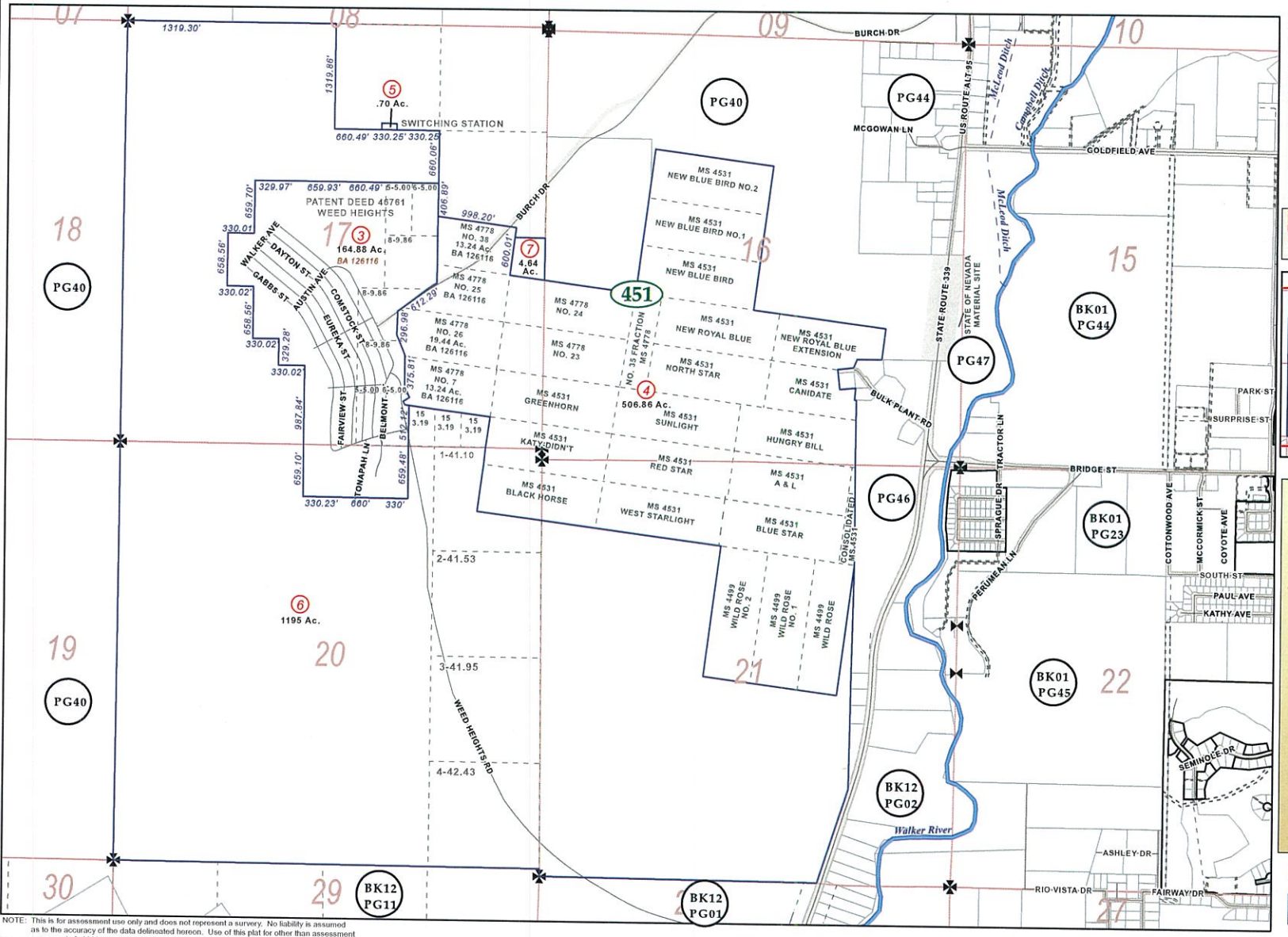
12-11



NOTE: This is for assessment use only and does not represent a survery. No liability is assumed as to the accuracy of the data delineated hereon. Use of this plat for other than assessment purposes is forbidden unless approved by the Lyon County Assessor's Office.

Sections 16, 17, 20, 21 T13N - R25E MD&M

14-45



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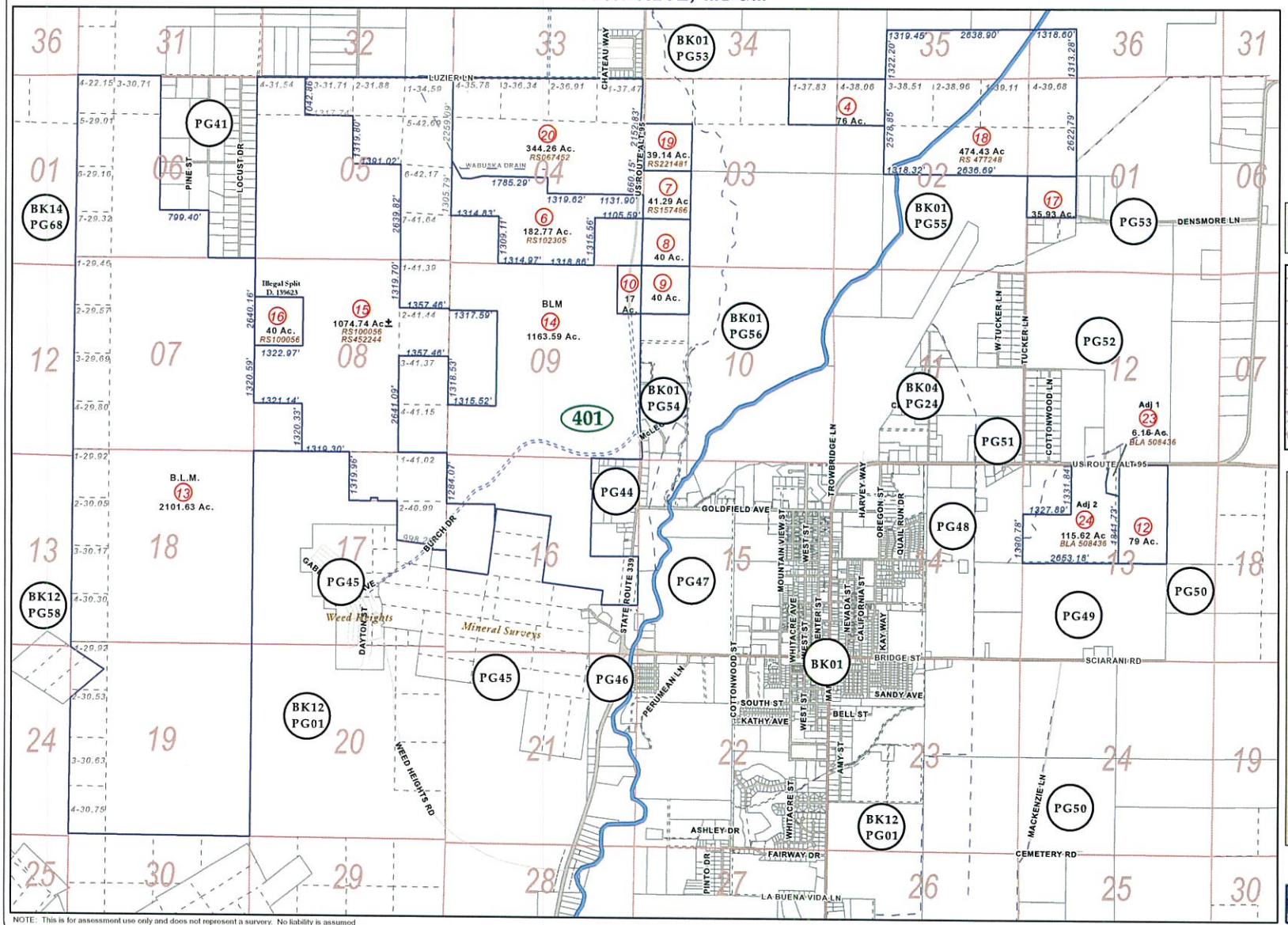
N 1/2, T13N-R25; Portions of Sections 34, 35, & 36, T14N-R25E; Portions of Section 6, T13N-R26E, MD&M

14-40



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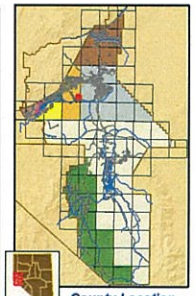
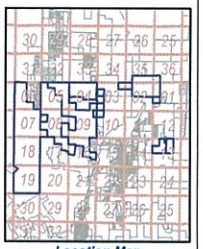


County Location Map



Location Map

Map Elements

- 1/4 Corner Section
- Section Ties
- 300' Dimensions
- 1 Parcel Lot
- 3 Parcel Number
- 0.13 Ac. Acreage of Parcel
- PM 136149 Recorded Map Image
- Parcel Boundaries
- 411 Block Number
- BK12 PG06 Parcel Book & Page Number
- PG24 Page Number

Cities & Townships

- Dayton
- Dayton Valley
- Fernley
- Mark Twain
- Mason Valley
- Mound House
- Silver City
- Silver Springs
- Smith Valley
- Stagecoach
- Yerington

Scale: 2" = 1 Mile
Revised: June 14, 2013

Project Description and Justification

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The work proposed in this application is part of a larger project that is comprised of five major components which are as follows:

- The Smith Valley 60 kV Transmission Line (subject of this SUP application)
- The Mason 60 kV Transmission Corridor; (subject of a separate SUP application)
- The Mason Substation; (subject of a separate SUP application)
- The Mason Substation Distribution Feeders; and (included in separate SUP application)
- The Smith Valley Substation (previously Approved by Lyon County)

Smith Valley 60 kV Transmission Line

NV Energy has determined that constructing a new 60 kV transmission line from the Yerington area to the Smith Valley area as being the most effective solution to the low voltages problems experienced in the area. As mentioned previously, the Bridge Street 206 distribution line is one of two electrical distribution circuits supplying the Smith Valley and surrounding area. The Project proposes to replace the Bridge Street 206 line, in a pole for pole manner, with a 60 kV transmission line with the current Bridge Street (Mason) 206 distribution line transfer directly on the new poles as an underbuild. At the request of the landowner, the transmission line will be relocated adjacent to the property lines on three parcels where the current distribution line bisects and limits development of those parcels. The transmission line will be built to 120 kV standards to accommodate future load requirements; however, the line will be operated at 60 kV for the near term. The transmission line will originate at the Mason substation and will replace the Bridge Street 206 all the way to the Smith Valley substation.

The new transmission lines will require approximately 335 single pole tangent structures and 20 single pole angle structures. The new wood transmission line structures will be between 60 feet and 90 feet tall above grade surface. Angle structures will have between two to eight guy wires and anchors, depending upon the angle of the transmission line. The conductors will be 795 MCM All Aluminum (AA) conductors. Optical Ground Wire (OPGW) will serve as both shield wire and a communications link from

the new Mason substation to the Smith Valley substation. For a diagram of the proposed structures, please see Figure 5: Single Circuit Tangent Structure with Underbuild Typical Structure, and Figure 4: Angle Typical Structure.

Mason Substation Distribution Feeders

The four existing distribution feeders from the Bridge Street substation and Anaconda substation are immediately available to the Mason substation site requiring the addition of a small number of new poles or the reconfiguration of existing circuits. The Anaconda 204 is located approximately 0.21 miles to the northeast. The Bridge Street 206 is located approximately 0.05 miles to the south. The following additions/reconfiguration will be required to tie in the existing distribution system.

- Mason 206 Circuit – The feeder will exit the Mason substation to the south and tie into the existing circuit and travel west underbuilt on the Smith Valley 60 kV transmission line.
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Property Owner APN's from **Mason Sub to Smith Valley Sub**

BLM
012-111-28 (Substation Location)
Mason Valley Copper
012-111-02
Victory Exploration Inc
012-111-01
012-113-03
BLM
012-581-01
010-031-02
010-161-03
010-161-02
010-061-07
Rosa Varcelo Trust
012-112-14
Frank Nguyen et al
012-112-13
Leslie James Weeks
012-112-12
Art Wilson Company-Ludwig Mine
010-041-21
Peters
010-111-04
Helen J Schrock Trust
010-111-20
Hunewill Land and Livestock Company Inc.
010-111-01
010-081-36 ?

Dirk and Valerie J Vlot Trust
010-111-02
010-131-06
010-141-01
Richard Hugo Bein Trust
010-131-05
George C & Pamela D Helmuth Trust
010-191-01
Vernon F Bryan Inc
010-191-20
Flying A limited partnership
010-192-04?
Pope Valley Ranching Nevada LLC
010-191-06
Lazyewe Land and Livestock Company LLC
010-191-09
James R O'Banion Trust et al
010-261-18
Soil Fume Inc
010-291-50
010-291-51
010-291-52
010-291-53
John J. Zwart
010-301-10

Figure 1: Existing Electrical Infrastructure

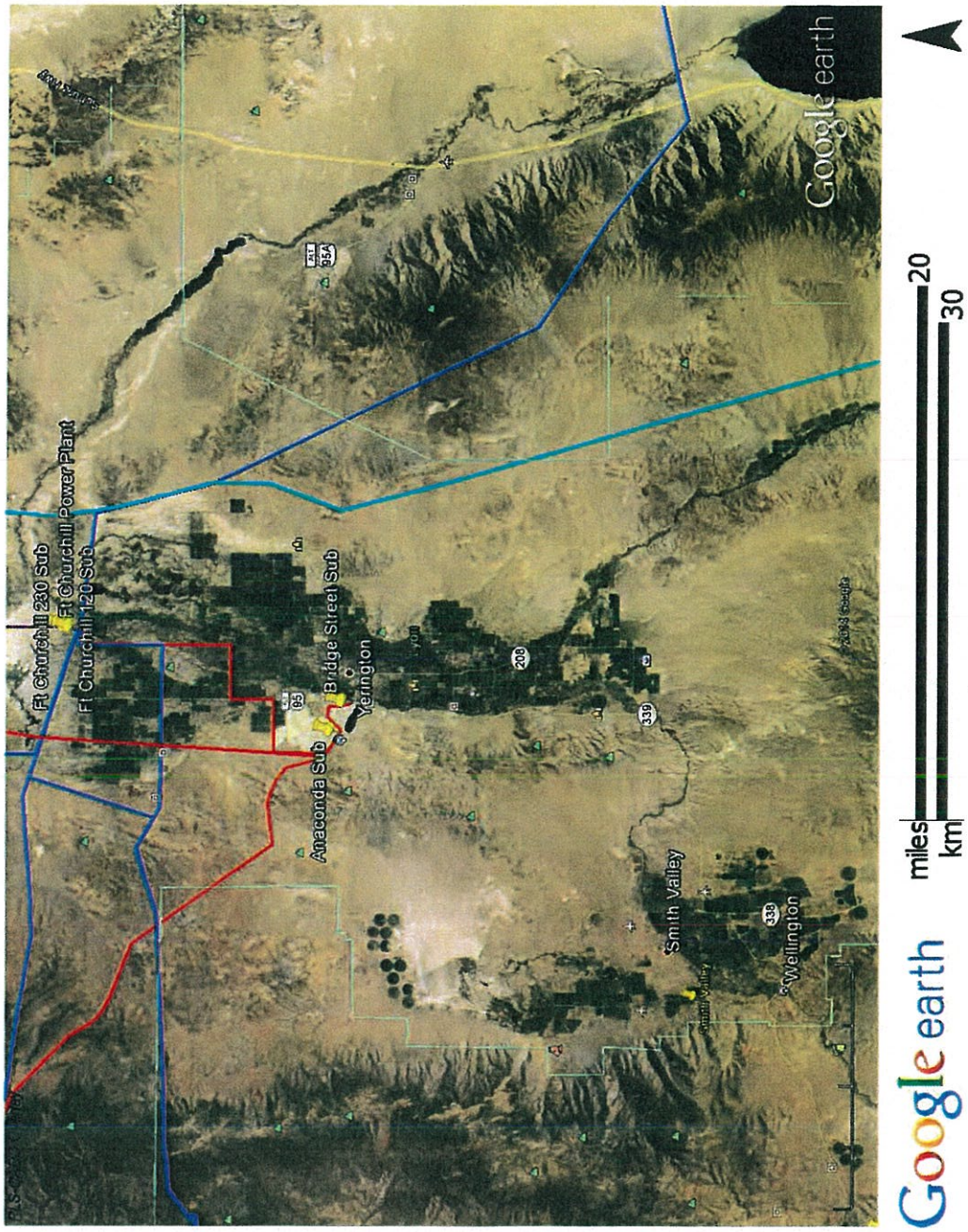


Figure 2: Proposed Electrical Infrastructure

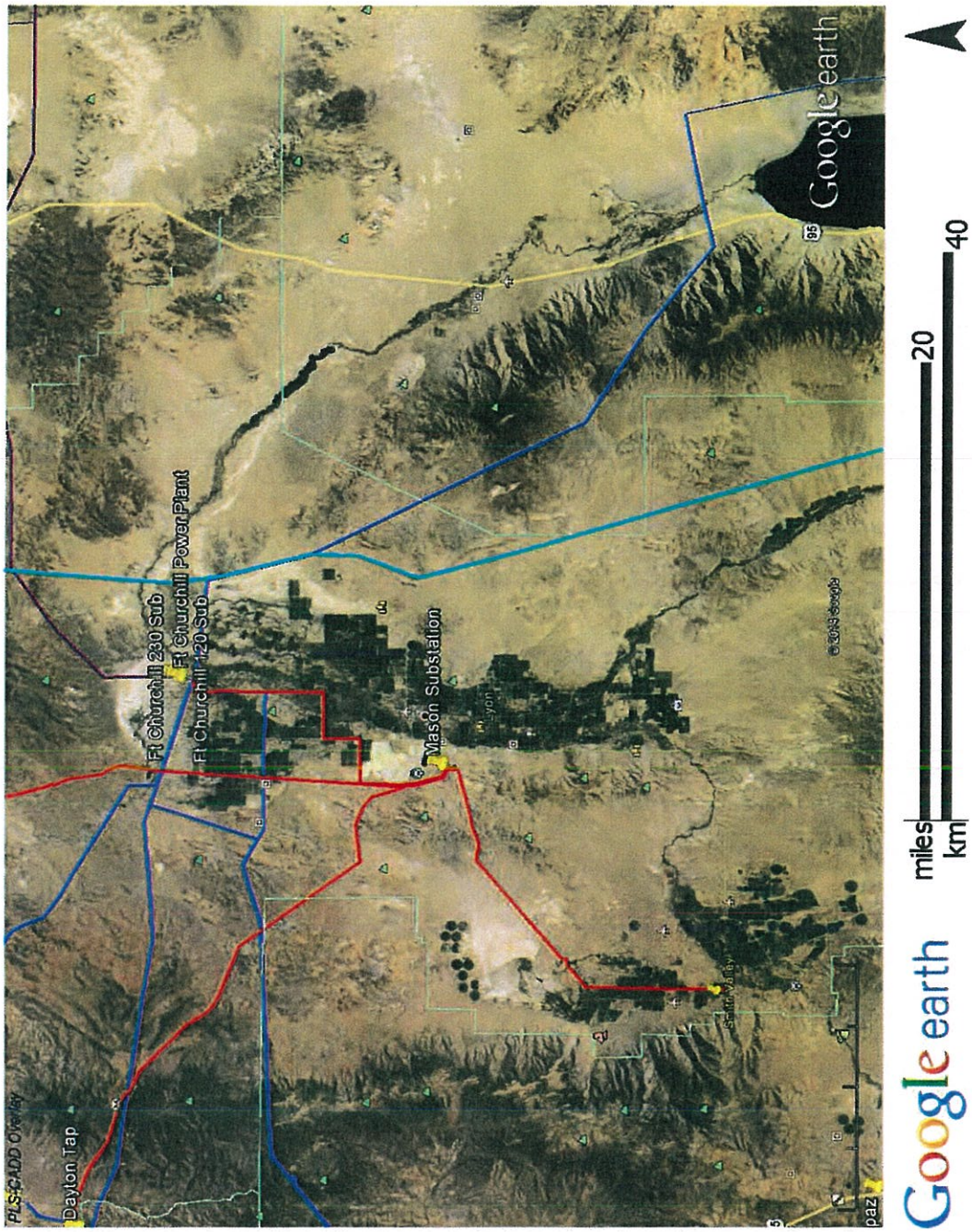


Figure 3: Mason 60 kV Corridor Tangent Typical Structure

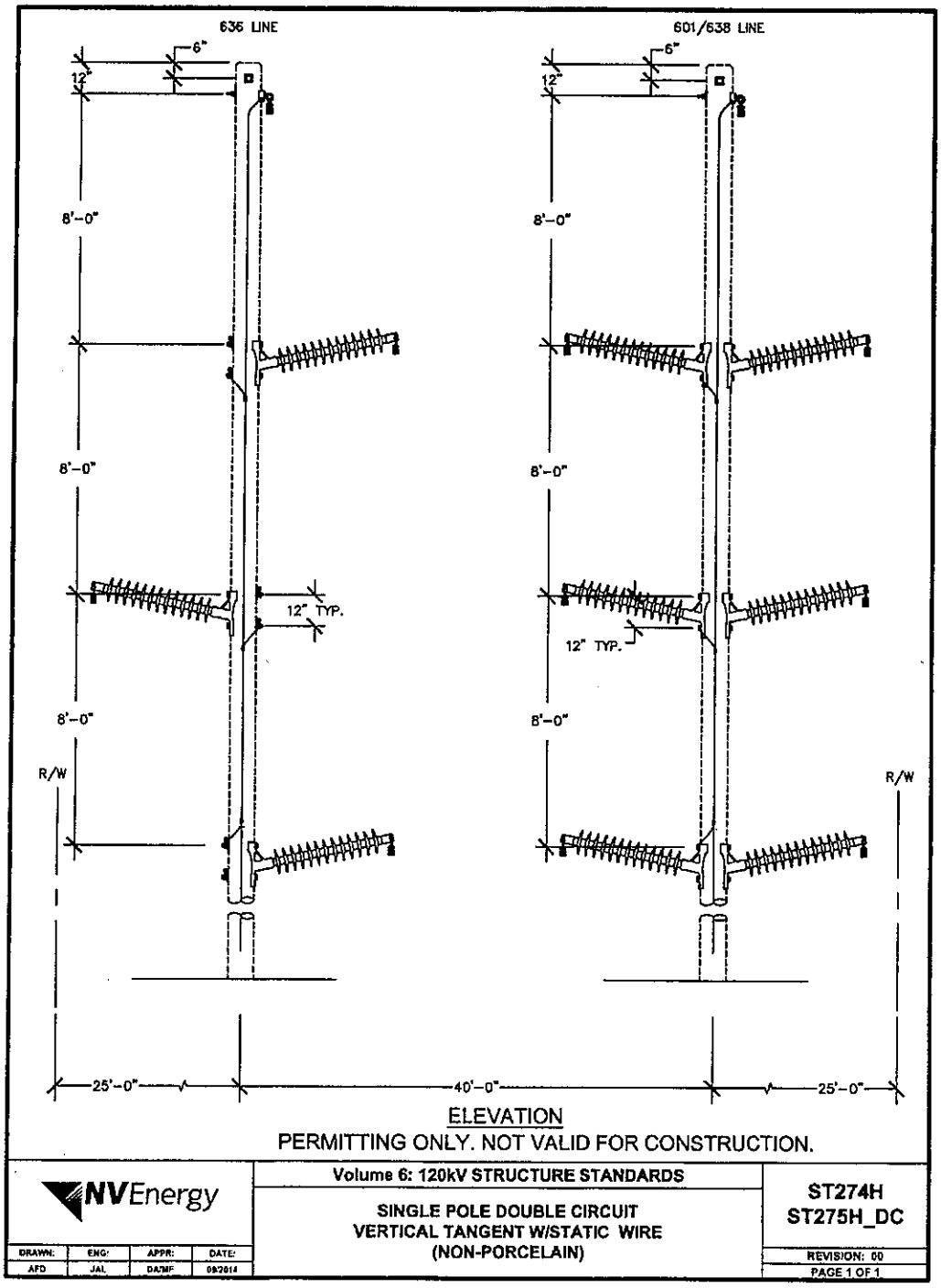


Figure 4: 120kV Angle Typical Structure

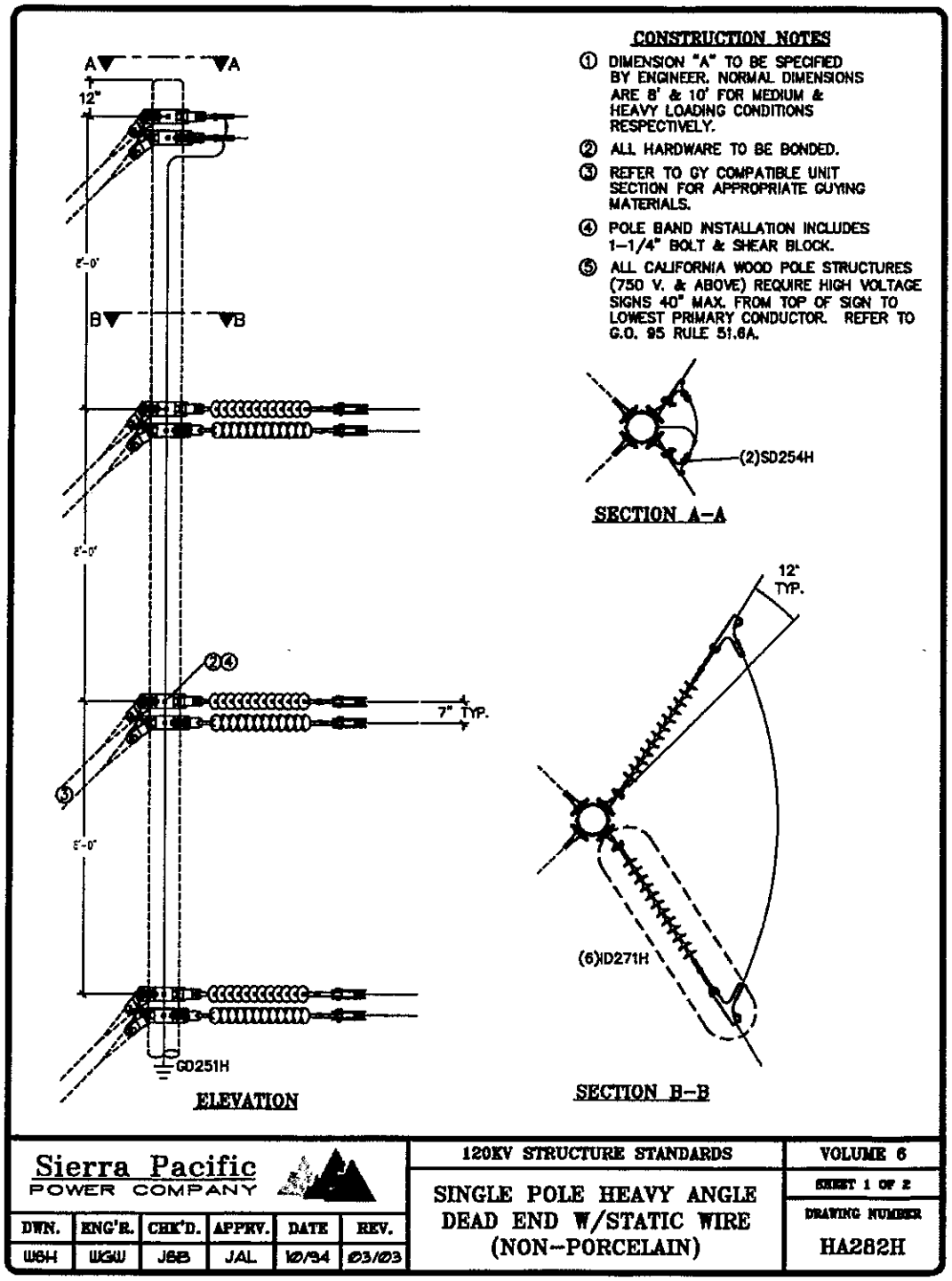


Figure 5: Single Circuit Tangent w/ Underbuild Typical Structure

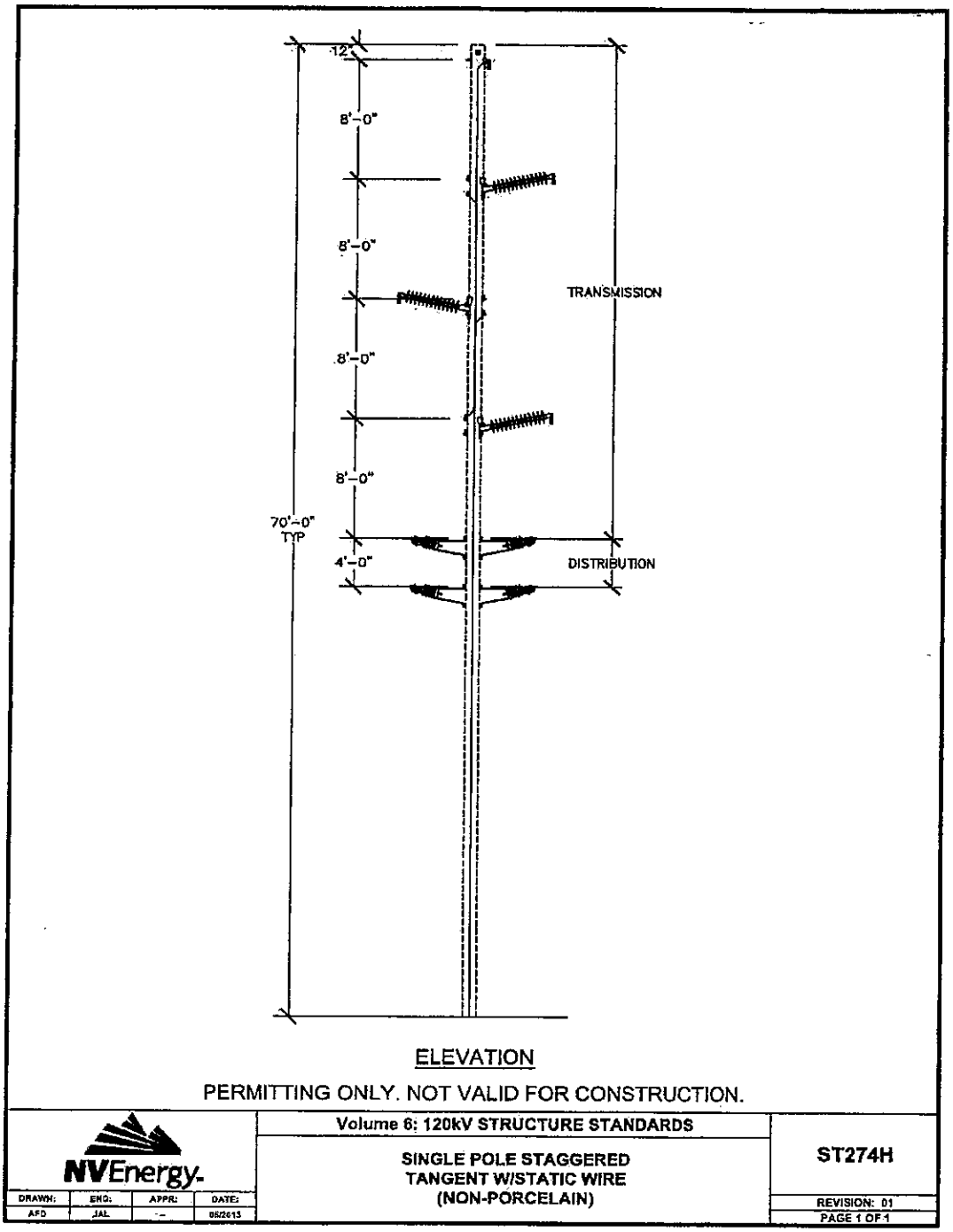
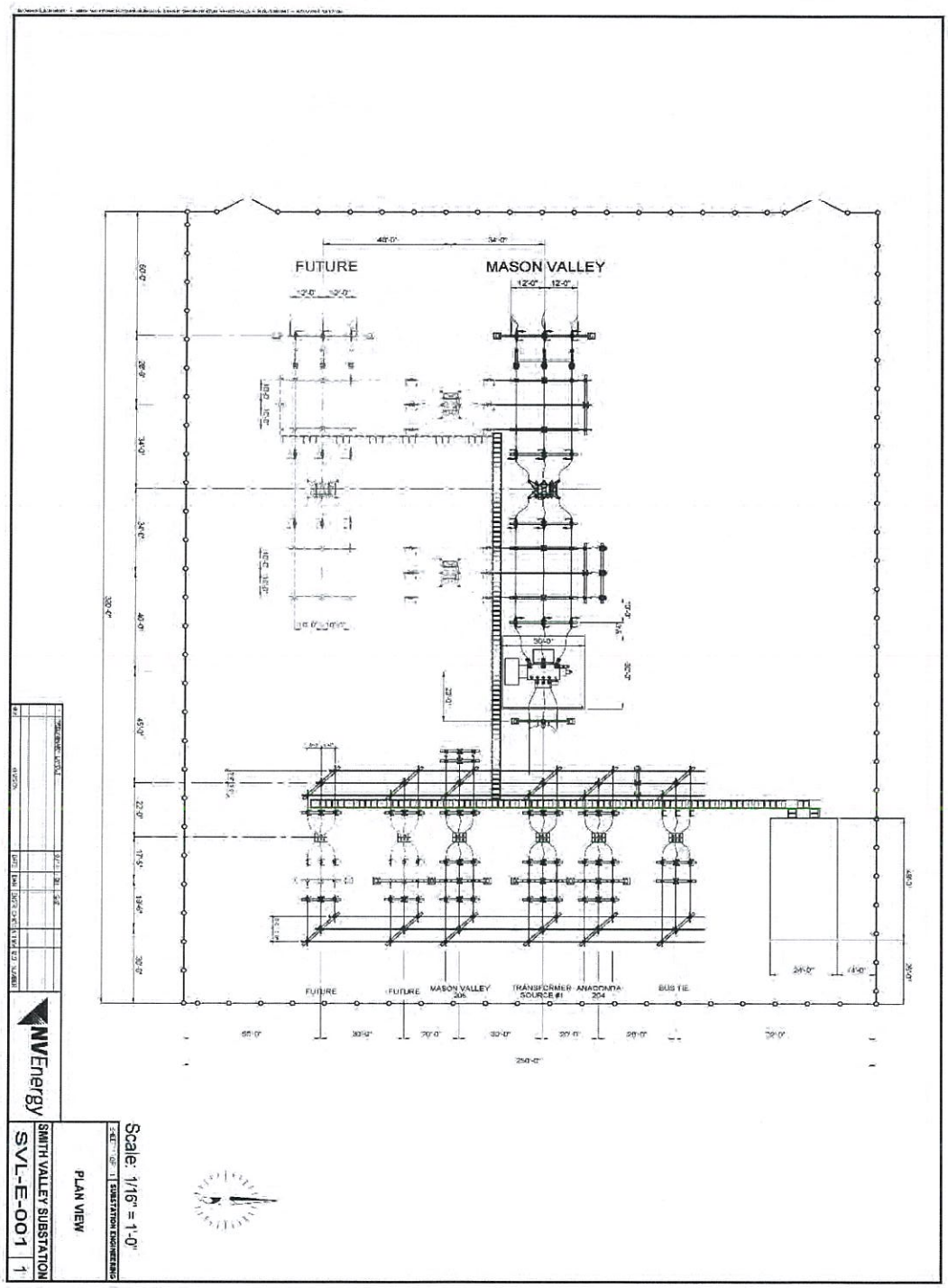
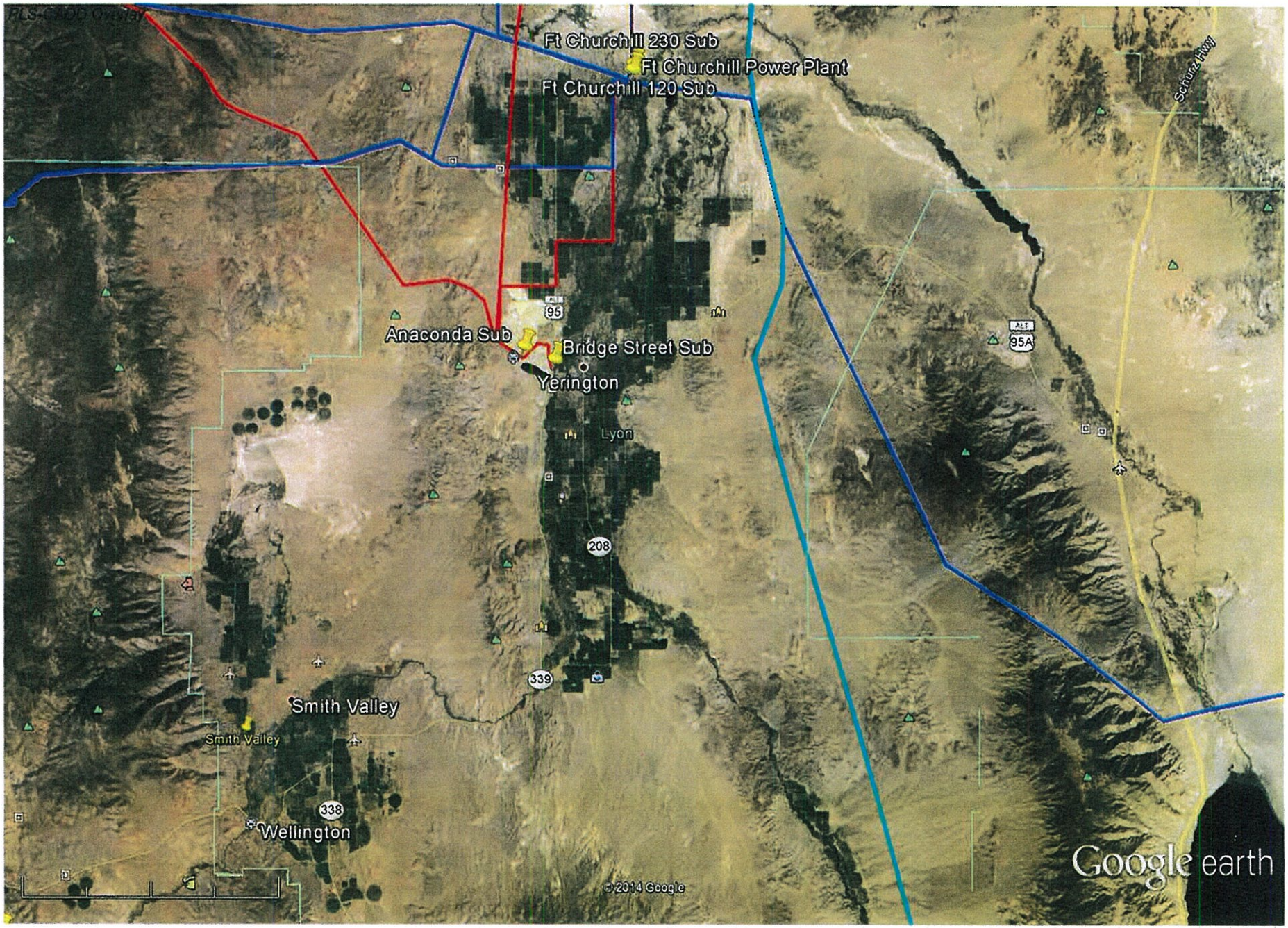


Figure 7: Smith Valley Substation Plan View



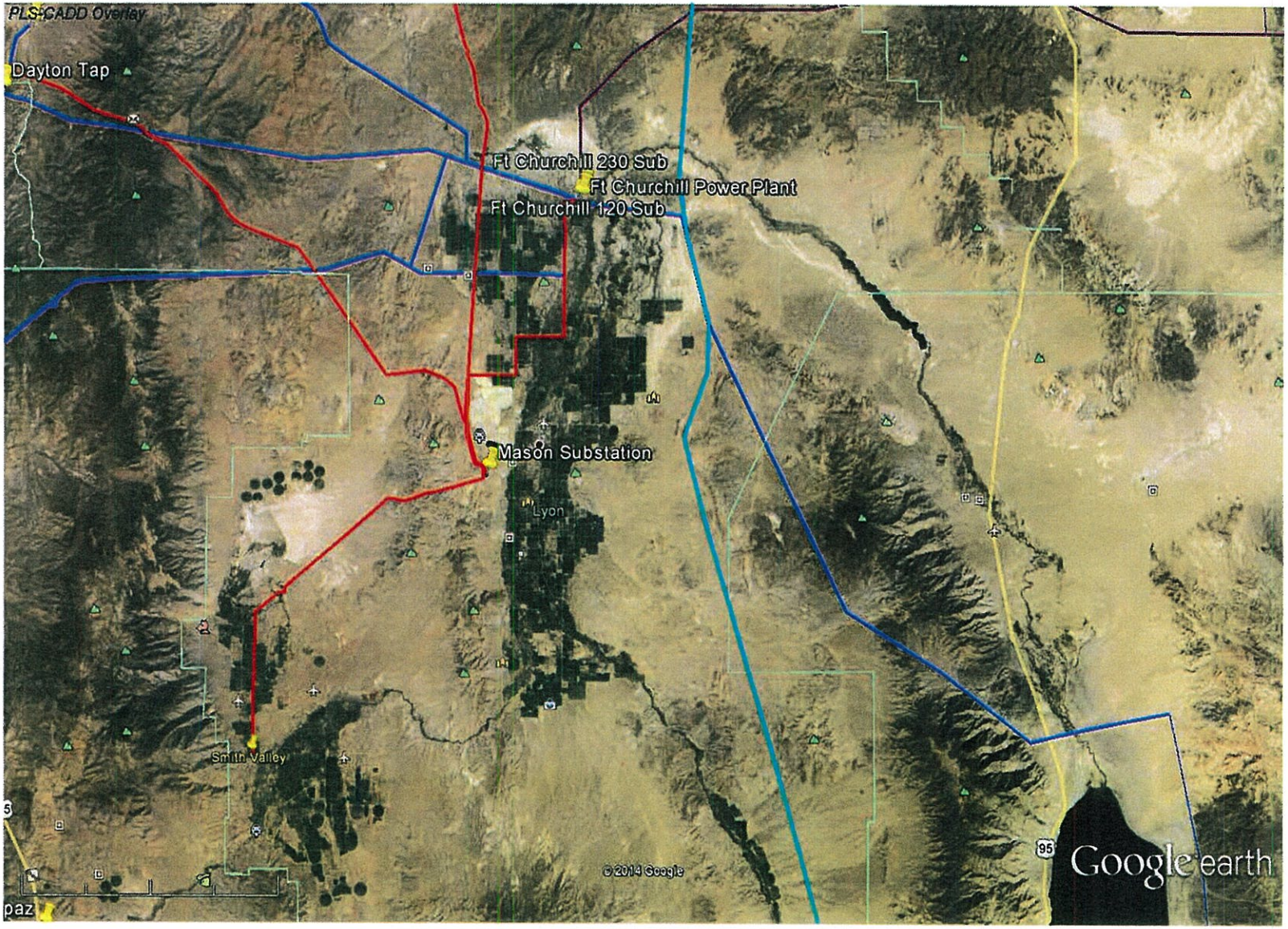
No #6?



Google earth

miles 20

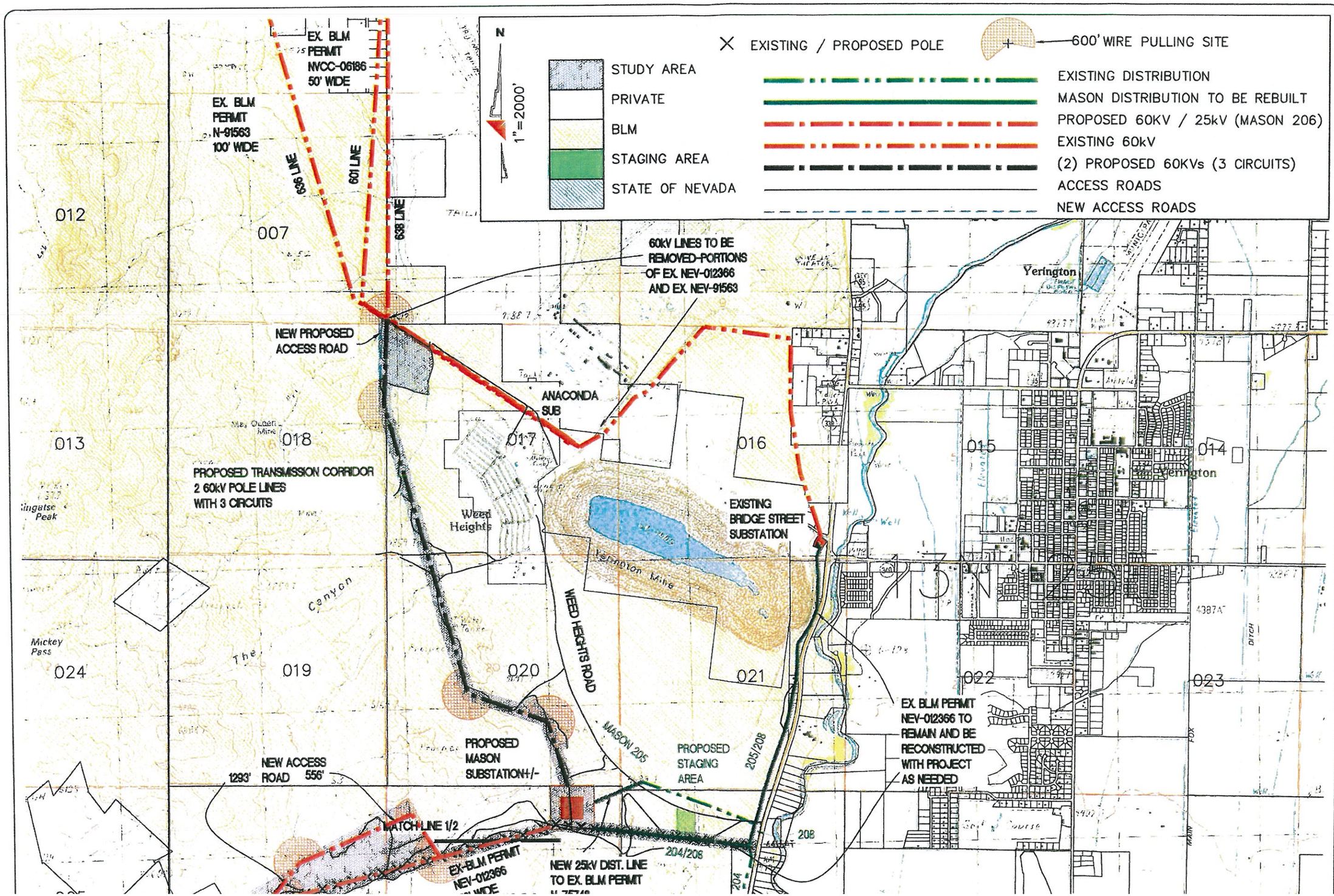
km 30



Google earth

miles 20

km 40



SURVEYOR:	LDL
PHONE NUMBER:	775-834-5391
PROJECT NUMBER:	
PROJECTION:	NSPW 83 USFT

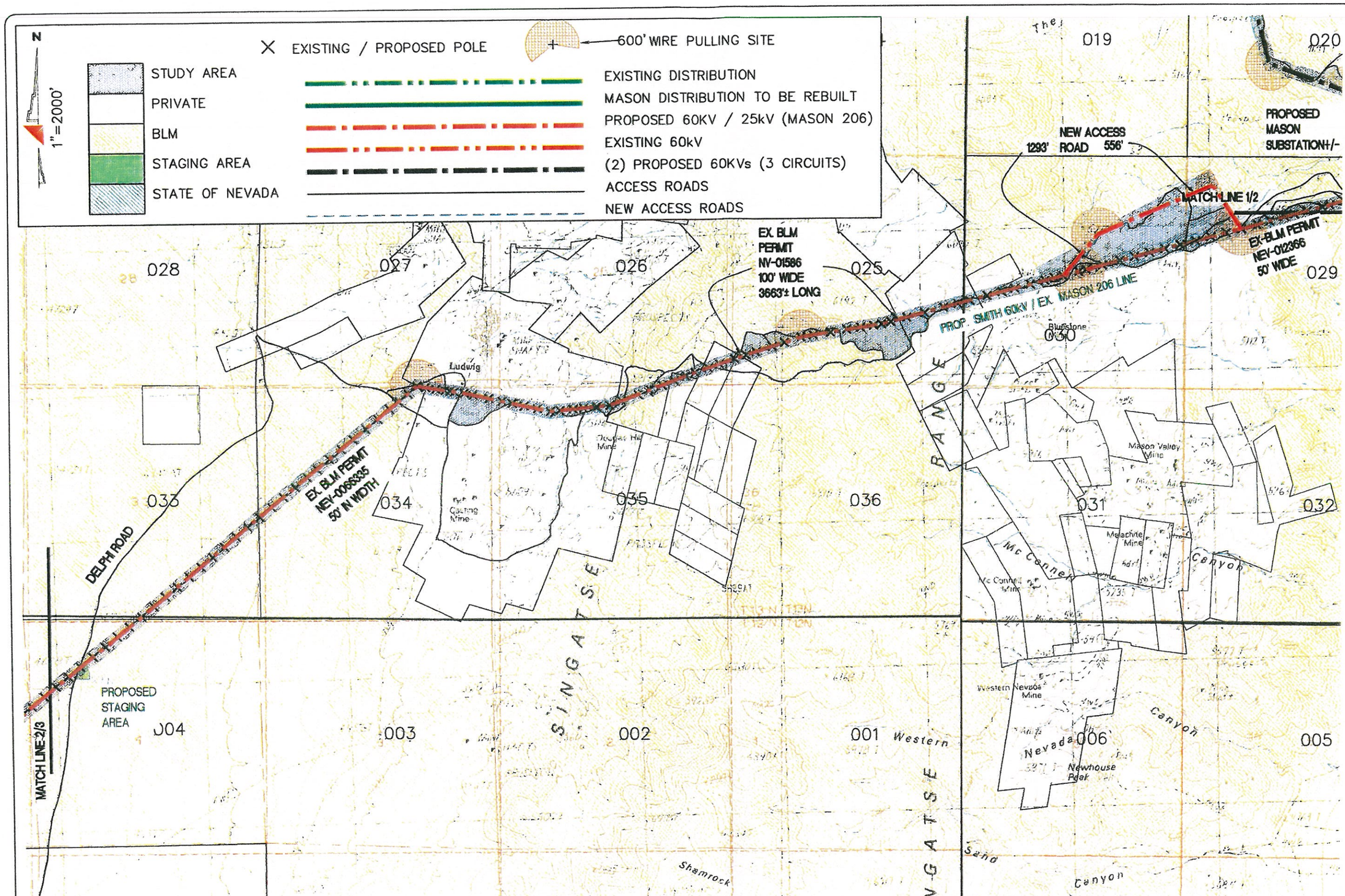
N
1"=2000'

NVEnergy
6100 NEIL RD.
RENO, NV 89511
775-834-4011

ATTACHMENT A
PROJECT MAP

LYON COUNTY NEVADA

1



SURVEYOR:	LDL
PHONE NUMBER:	775-834-5391
PROJECT NUMBER:	
PROJECTION:	NSPW 83 USFT

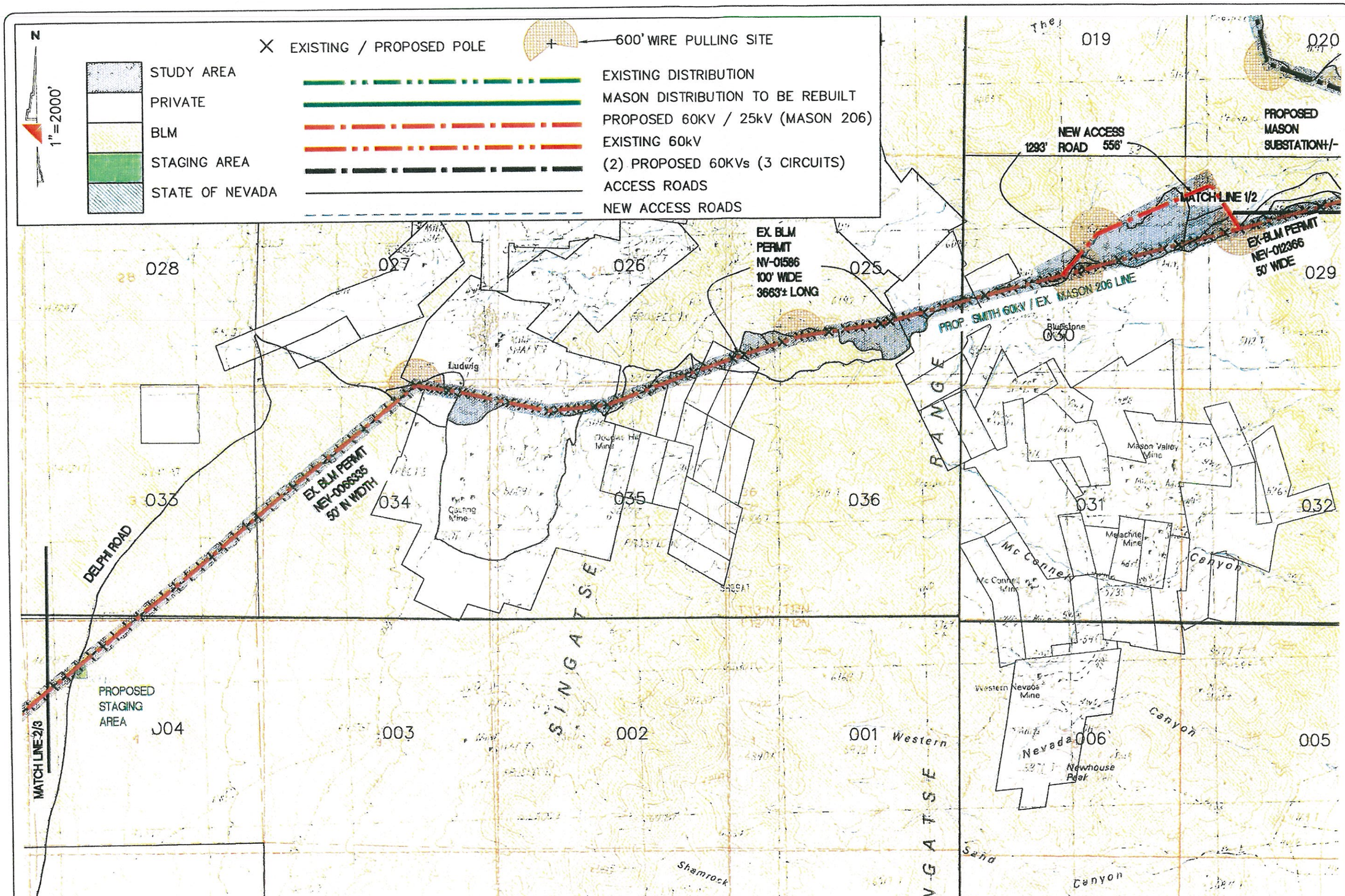
1"=2000'

NVEnergy
6100 NEIL RD.
RENO, NV 89511
775-834-4011

ATTACHMENT A
PROJECT MAPS

LYON COUNTY NEVADA

2



SURVEYOR: LDL
PHONE NUMBER: 775-834-5391
PROJECT NUMBER:
PROJECTION: NSPW 83 USFT

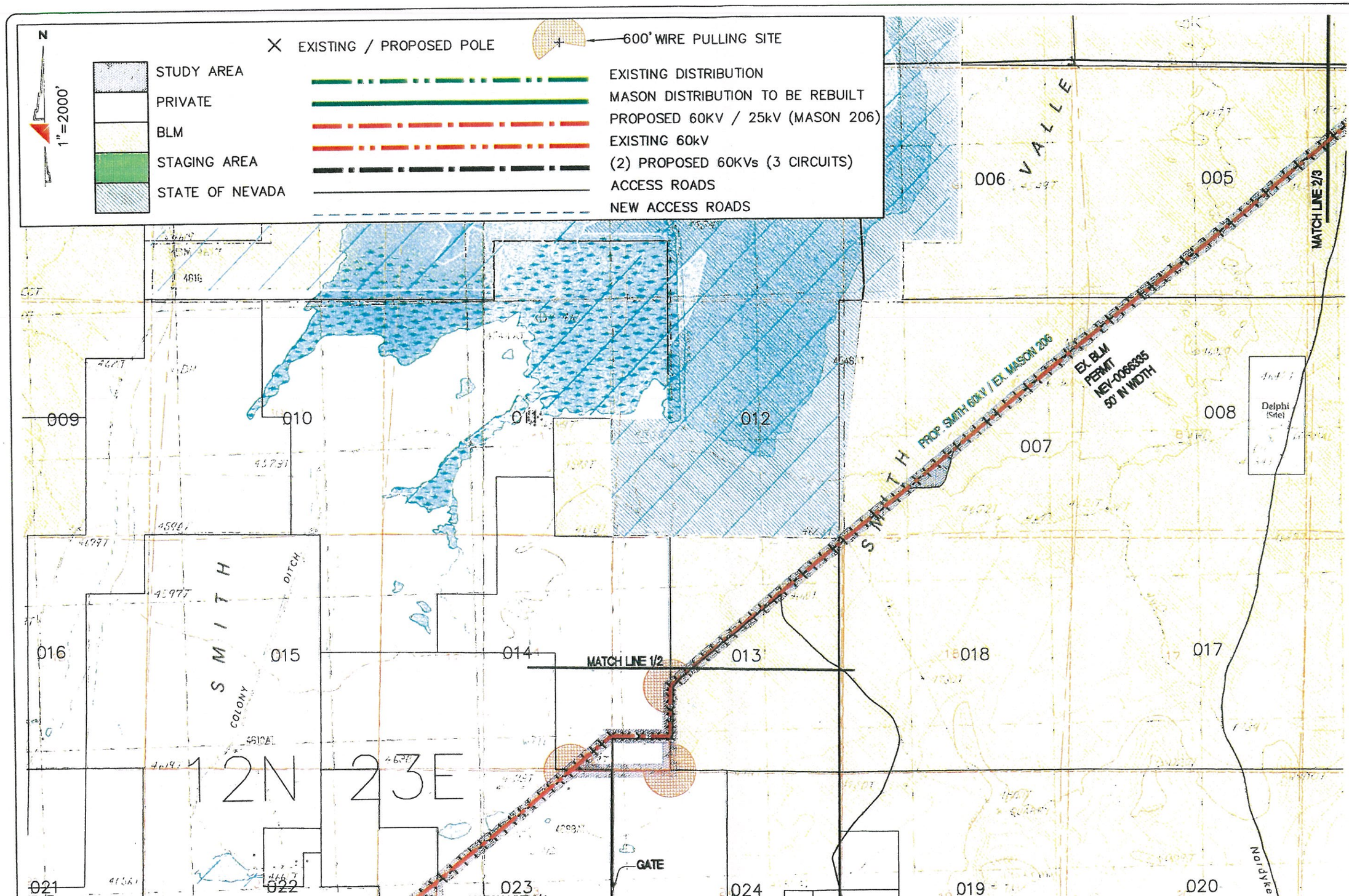
N
1"=2000'

NVEnergy
6100 NEIL RD.
RENO, NV 89511
775-834-4011

ATTACHMENT A
PROJECT MAPS

LYON COUNTY NEVADA

2



SURVEYOR:	LDL
PHONE NUMBER:	775-834-5391
PROJECT NUMBER:	
PROJECTION:	NSPW 83 USFT

N
1"=2000'

NVEnergy
6100 NEIL RD.
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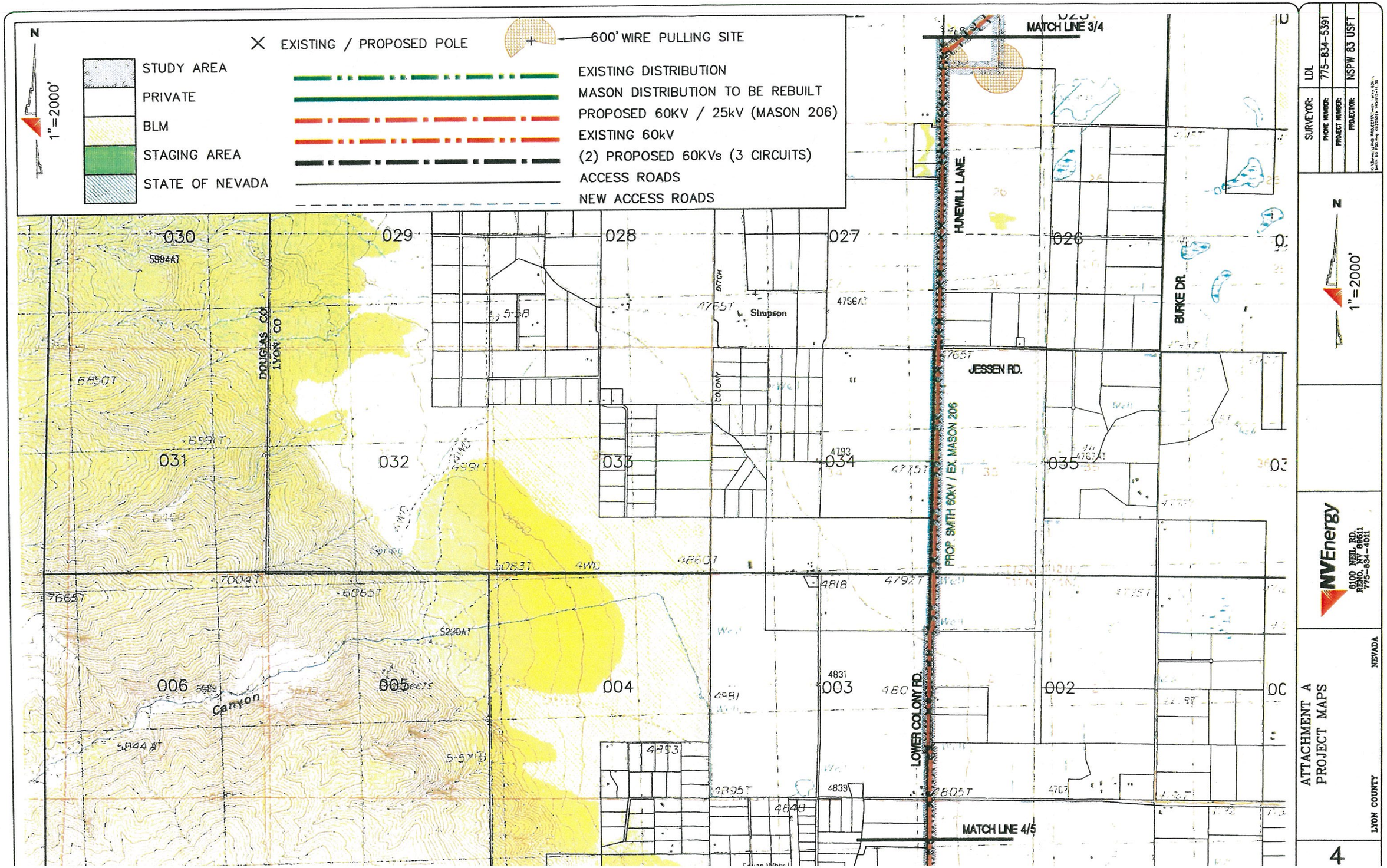
ATTACHMENT A
PROJECT MAPS

LYON COUNTY NEVADA

3


N
1"=2000'
EXISTING / PROPOSED POLE
600' WIRE PULLING SITE
STUDY AREA
PRIVATE
BLM
STAGING AREA
STATE OF NEVADA
EXISTING DISTRIBUTION
MASON DISTRIBUTION TO BE REBUILT
PROPOSED 60KV / 25kV (MASON 206)
EXISTING 60kV
(2) PROPOSED 60KVs (3 CIRCUITS)
ACCESS ROADS
NEW ACCESS ROADS
MATCH LINE 3/4
MATCH LINE 4/5
HUNEWILL LANE
BURKE DR.
JESSEN RD.
LOWER COLONY RD.
PROP. SMITH 60kV / EX. MASON 206
DOUGLAS CO
LYON CO
Simpson
Canyon
030
029
028
027
026
031
032
033
034
035
006
005
004
003
002
SURVEYOR: LDL
PHONE NUMBER: 775-834-5391
PROJECT NUMBER:
PROJECTION: NSPW 83 USFT
N
1"=2000'
NVEnergy
6100 NEIL RD.
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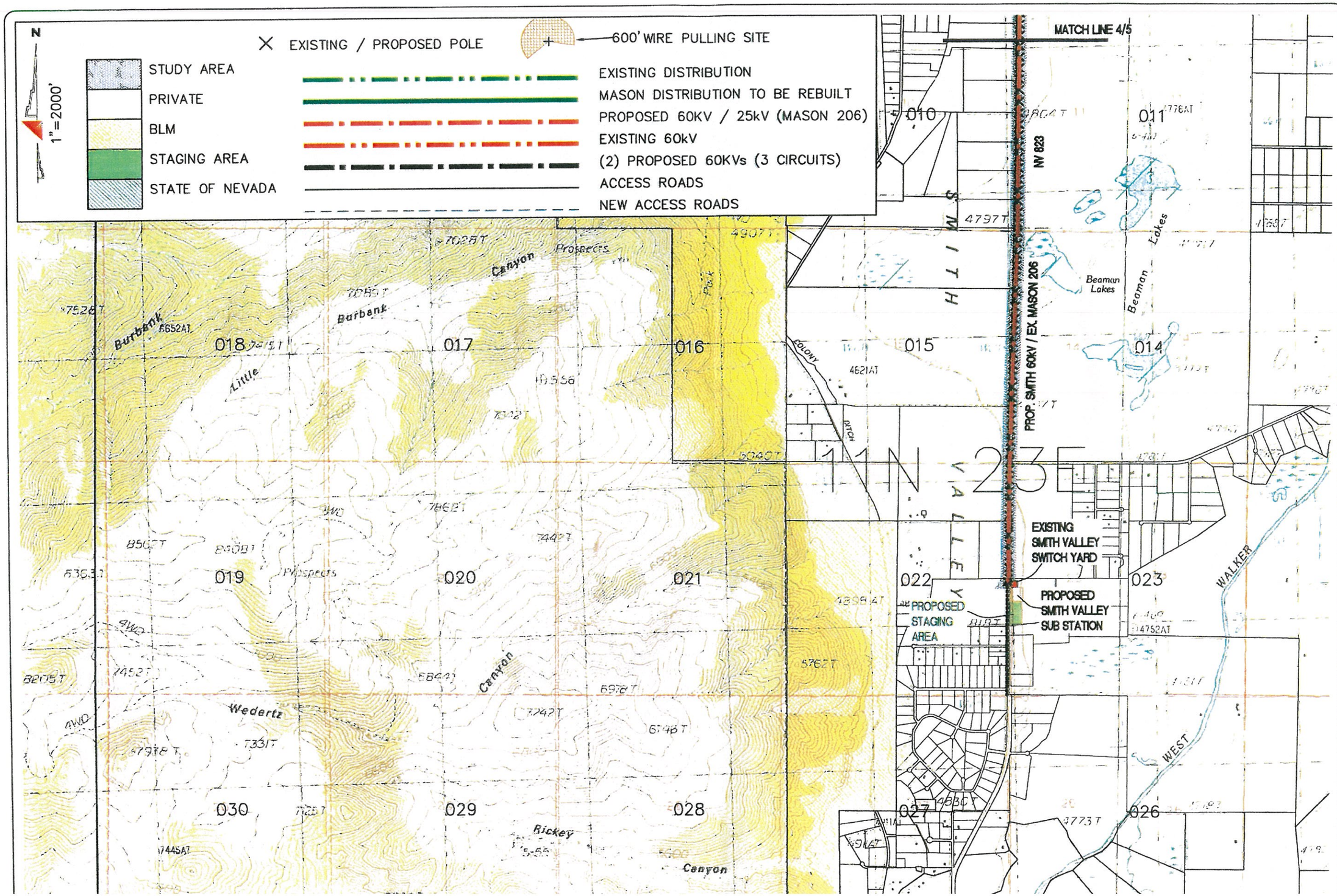
775-834-4011
ATTACHMENT A
PROJECT MAPS
LYON COUNTY
NEVADA
4



SURVEYOR: LDL
PHONE NUMBER: 775-834-5391
PROJECT NUMBER:
PROJECTION: NSPW 83 USFT

1"=2000'

NVEnergy
6100 NEIL RD.
RENO, NV 89511
775-834-4011

ATTACHMENT A
PROJECT MAPS

LYON COUNTY NEVADA